

Appendix for Band 5

Report No.: BCTC2309714850-2E

Applicant: Shenzhen Great Asia Electronic Co.,Ltd.

Product Name: Tablet PC

Model/Type
reference: VOLT-V010-2

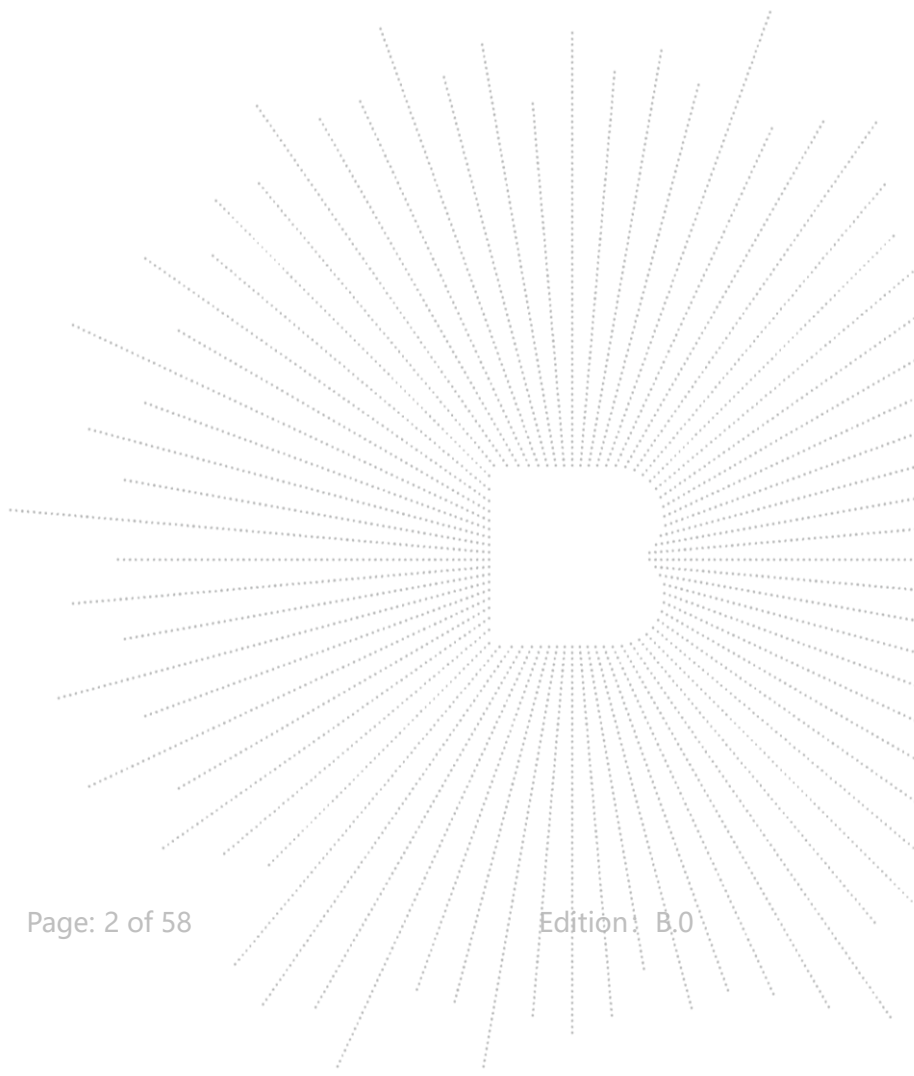
Tested Date: 2023-09-18 to 2023-10-09

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Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.97	PASS
Band5	1.4	20407	1	#Mid	QPSK	24.02	PASS
Band5	1.4	20407	1	#Max	QPSK	23.99	PASS
Band5	1.4	20407	3	#0	QPSK	23.92	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.96	PASS
Band5	1.4	20407	3	#Max	QPSK	23.88	PASS
Band5	1.4	20407	6	#0	QPSK	22.95	PASS
Band5	1.4	20407	1	#0	16QAM	23.87	PASS
Band5	1.4	20407	1	#Mid	16QAM	23.86	PASS
Band5	1.4	20407	1	#Max	16QAM	23.89	PASS
Band5	1.4	20407	3	#0	16QAM	23.15	PASS
Band5	1.4	20407	3	#Mid	16QAM	23.05	PASS
Band5	1.4	20407	3	#Max	16QAM	23.11	PASS
Band5	1.4	20407	6	#0	16QAM	22.37	PASS
Band5	1.4	20525	1	#0	QPSK	23.83	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.94	PASS
Band5	1.4	20525	1	#Max	QPSK	23.93	PASS
Band5	1.4	20525	3	#0	QPSK	24.01	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.92	PASS
Band5	1.4	20525	3	#Max	QPSK	23.94	PASS
Band5	1.4	20525	6	#0	QPSK	22.92	PASS
Band5	1.4	20525	1	#0	16QAM	23.61	PASS
Band5	1.4	20525	1	#Mid	16QAM	23.58	PASS
Band5	1.4	20525	1	#Max	16QAM	23.64	PASS
Band5	1.4	20525	3	#0	16QAM	22.96	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.91	PASS
Band5	1.4	20525	3	#Max	16QAM	22.98	PASS
Band5	1.4	20525	6	#0	16QAM	22.30	PASS
Band5	1.4	20643	1	#0	QPSK	24.03	PASS
Band5	1.4	20643	1	#Mid	QPSK	24.17	PASS
Band5	1.4	20643	1	#Max	QPSK	24.10	PASS
Band5	1.4	20643	3	#0	QPSK	24.10	PASS
Band5	1.4	20643	3	#Mid	QPSK	24.10	PASS
Band5	1.4	20643	3	#Max	QPSK	24.06	PASS
Band5	1.4	20643	6	#0	QPSK	23.15	PASS
Band5	1.4	20643	1	#0	16QAM	24.12	PASS
Band5	1.4	20643	1	#Mid	16QAM	24.11	PASS
Band5	1.4	20643	1	#Max	16QAM	23.62	PASS
Band5	1.4	20643	3	#0	16QAM	23.34	PASS
Band5	1.4	20643	3	#Mid	16QAM	23.40	PASS



Band5	1.4	20643	3	#Max	16QAM	23.28	PASS
Band5	1.4	20643	6	#0	16QAM	22.24	PASS
Band5	3	20415	1	#0	QPSK	23.81	PASS
Band5	3	20415	1	#Mid	QPSK	23.82	PASS
Band5	3	20415	1	#Max	QPSK	23.74	PASS
Band5	3	20415	8	#0	QPSK	22.93	PASS
Band5	3	20415	8	#Mid	QPSK	22.92	PASS
Band5	3	20415	8	#Max	QPSK	22.82	PASS
Band5	3	20415	15	#0	QPSK	22.88	PASS
Band5	3	20415	1	#0	16QAM	23.88	PASS
Band5	3	20415	1	#Mid	16QAM	23.84	PASS
Band5	3	20415	1	#Max	16QAM	23.66	PASS
Band5	3	20415	8	#0	16QAM	22.15	PASS
Band5	3	20415	8	#Mid	16QAM	22.11	PASS
Band5	3	20415	8	#Max	16QAM	21.75	PASS
Band5	3	20415	15	#0	16QAM	22.25	PASS
Band5	3	20525	1	#0	QPSK	23.84	PASS
Band5	3	20525	1	#Mid	QPSK	23.83	PASS
Band5	3	20525	1	#Max	QPSK	23.94	PASS
Band5	3	20525	8	#0	QPSK	22.87	PASS
Band5	3	20525	8	#Mid	QPSK	22.83	PASS
Band5	3	20525	8	#Max	QPSK	22.84	PASS
Band5	3	20525	15	#0	QPSK	22.81	PASS
Band5	3	20525	1	#0	16QAM	23.59	PASS
Band5	3	20525	1	#Mid	16QAM	23.61	PASS
Band5	3	20525	1	#Max	16QAM	23.66	PASS
Band5	3	20525	8	#0	16QAM	22.09	PASS
Band5	3	20525	8	#Mid	16QAM	22.57	PASS
Band5	3	20525	8	#Max	16QAM	22.57	PASS
Band5	3	20525	15	#0	16QAM	22.42	PASS
Band5	3	20635	1	#0	QPSK	24.03	PASS
Band5	3	20635	1	#Mid	QPSK	24.11	PASS
Band5	3	20635	1	#Max	QPSK	24.13	PASS
Band5	3	20635	8	#0	QPSK	23.02	PASS
Band5	3	20635	8	#Mid	QPSK	23.06	PASS
Band5	3	20635	8	#Max	QPSK	23.03	PASS
Band5	3	20635	15	#0	QPSK	23.05	PASS
Band5	3	20635	1	#0	16QAM	24.01	PASS
Band5	3	20635	1	#Mid	16QAM	23.95	PASS
Band5	3	20635	1	#Max	16QAM	23.91	PASS
Band5	3	20635	8	#0	16QAM	22.05	PASS
Band5	3	20635	8	#Mid	16QAM	22.11	PASS
Band5	3	20635	8	#Max	16QAM	22.09	PASS
Band5	3	20635	15	#0	16QAM	22.17	PASS

Band5	5	20425	1	#0	QPSK	23.77	PASS
Band5	5	20425	1	#Mid	QPSK	23.62	PASS
Band5	5	20425	1	#Max	QPSK	23.69	PASS
Band5	5	20425	12	#0	QPSK	22.79	PASS
Band5	5	20425	12	#Mid	QPSK	22.56	PASS
Band5	5	20425	12	#Max	QPSK	22.65	PASS
Band5	5	20425	25	#0	QPSK	22.73	PASS
Band5	5	20425	1	#0	16QAM	22.95	PASS
Band5	5	20425	1	#Mid	16QAM	22.87	PASS
Band5	5	20425	1	#Max	16QAM	22.86	PASS
Band5	5	20425	12	#0	16QAM	22.04	PASS
Band5	5	20425	12	#Mid	16QAM	21.73	PASS
Band5	5	20425	12	#Max	16QAM	21.71	PASS
Band5	5	20425	25	#0	16QAM	21.86	PASS
Band5	5	20525	1	#0	QPSK	23.81	PASS
Band5	5	20525	1	#Mid	QPSK	23.86	PASS
Band5	5	20525	1	#Max	QPSK	23.94	PASS
Band5	5	20525	12	#0	QPSK	22.88	PASS
Band5	5	20525	12	#Mid	QPSK	22.90	PASS
Band5	5	20525	12	#Max	QPSK	22.93	PASS
Band5	5	20525	25	#0	QPSK	22.87	PASS
Band5	5	20525	1	#0	16QAM	22.53	PASS
Band5	5	20525	1	#Mid	16QAM	22.59	PASS
Band5	5	20525	1	#Max	16QAM	22.63	PASS
Band5	5	20525	12	#0	16QAM	21.73	PASS
Band5	5	20525	12	#Mid	16QAM	22.19	PASS
Band5	5	20525	12	#Max	16QAM	22.28	PASS
Band5	5	20525	25	#0	16QAM	22.41	PASS
Band5	5	20625	1	#0	QPSK	24.03	PASS
Band5	5	20625	1	#Mid	QPSK	24.09	PASS
Band5	5	20625	1	#Max	QPSK	24.03	PASS
Band5	5	20625	12	#0	QPSK	23.10	PASS
Band5	5	20625	12	#Mid	QPSK	23.04	PASS
Band5	5	20625	12	#Max	QPSK	23.09	PASS
Band5	5	20625	25	#0	QPSK	23.12	PASS
Band5	5	20625	1	#0	16QAM	23.07	PASS
Band5	5	20625	1	#Mid	16QAM	23.02	PASS
Band5	5	20625	1	#Max	16QAM	23.03	PASS
Band5	5	20625	12	#0	16QAM	22.21	PASS
Band5	5	20625	12	#Mid	16QAM	22.04	PASS
Band5	5	20625	12	#Max	16QAM	22.03	PASS
Band5	5	20625	25	#0	16QAM	22.12	PASS
Band5	10	20450	1	#0	QPSK	23.88	PASS
Band5	10	20450	1	#Mid	QPSK	23.75	PASS

Band5	10	20450	1	#Max	QPSK	23.84	PASS
Band5	10	20450	25	#0	QPSK	22.76	PASS
Band5	10	20450	25	#Mid	QPSK	22.72	PASS
Band5	10	20450	25	#Max	QPSK	22.84	PASS
Band5	10	20450	50	#0	QPSK	22.80	PASS
Band5	10	20450	1	#0	16QAM	23.91	PASS
Band5	10	20450	1	#Mid	16QAM	23.83	PASS
Band5	10	20450	1	#Max	16QAM	24.07	PASS
Band5	10	20450	25	#0	16QAM	21.73	PASS
Band5	10	20450	25	#Mid	16QAM	21.77	PASS
Band5	10	20450	25	#Max	16QAM	21.76	PASS
Band5	10	20450	50	#0	16QAM	21.82	PASS
Band5	10	20525	1	#0	QPSK	23.89	PASS
Band5	10	20525	1	#Mid	QPSK	23.93	PASS
Band5	10	20525	1	#Max	QPSK	24.16	PASS
Band5	10	20525	25	#0	QPSK	22.92	PASS
Band5	10	20525	25	#Mid	QPSK	22.85	PASS
Band5	10	20525	25	#Max	QPSK	22.85	PASS
Band5	10	20525	50	#0	QPSK	22.94	PASS
Band5	10	20525	1	#0	16QAM	22.75	PASS
Band5	10	20525	1	#Mid	16QAM	22.94	PASS
Band5	10	20525	1	#Max	16QAM	23.08	PASS
Band5	10	20525	25	#0	16QAM	21.83	PASS
Band5	10	20525	25	#Mid	16QAM	22.39	PASS
Band5	10	20525	25	#Max	16QAM	21.94	PASS
Band5	10	20525	50	#0	16QAM	22.44	PASS
Band5	10	20600	1	#0	QPSK	24.03	PASS
Band5	10	20600	1	#Mid	QPSK	24.16	PASS
Band5	10	20600	1	#Max	QPSK	24.12	PASS
Band5	10	20600	25	#0	QPSK	22.93	PASS
Band5	10	20600	25	#Mid	QPSK	23.13	PASS
Band5	10	20600	25	#Max	QPSK	23.14	PASS
Band5	10	20600	50	#0	QPSK	23.11	PASS
Band5	10	20600	1	#0	16QAM	22.95	PASS
Band5	10	20600	1	#Mid	16QAM	23.06	PASS
Band5	10	20600	1	#Max	16QAM	23.02	PASS
Band5	10	20600	25	#0	16QAM	22.05	PASS
Band5	10	20600	25	#Mid	16QAM	22.12	PASS
Band5	10	20600	25	#Max	16QAM	22.11	PASS
Band5	10	20600	50	#0	16QAM	22.05	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 5	1.4	20407	6	#0	QPSK	LV	NT	-1.92	-0.002	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	NT	2.30	0.003	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	HV	NT	5.78	0.007	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	LV	NT	8.71	0.011	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	NT	10.36	0.013	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	HV	NT	13.06	0.016	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	LV	NT	-3.28	-0.004	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	NT	-0.23	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	HV	NT	0.79	0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	LV	NT	4.48	0.005	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	NT	7.08	0.008	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	HV	NT	9.76	0.012	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	LV	NT	-34.22	-0.040	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	NT	-20.08	-0.024	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	HV	NT	-14.53	-0.017	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	LV	NT	-10.19	-0.012	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	NT	-8.98	-0.011	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	HV	NT	-9.51	-0.011	-2.5	2.5	PASS
Band	3	20415	15	#0	QPSK	LV	NT	0.82	0.001	-2.5	2.5	PASS

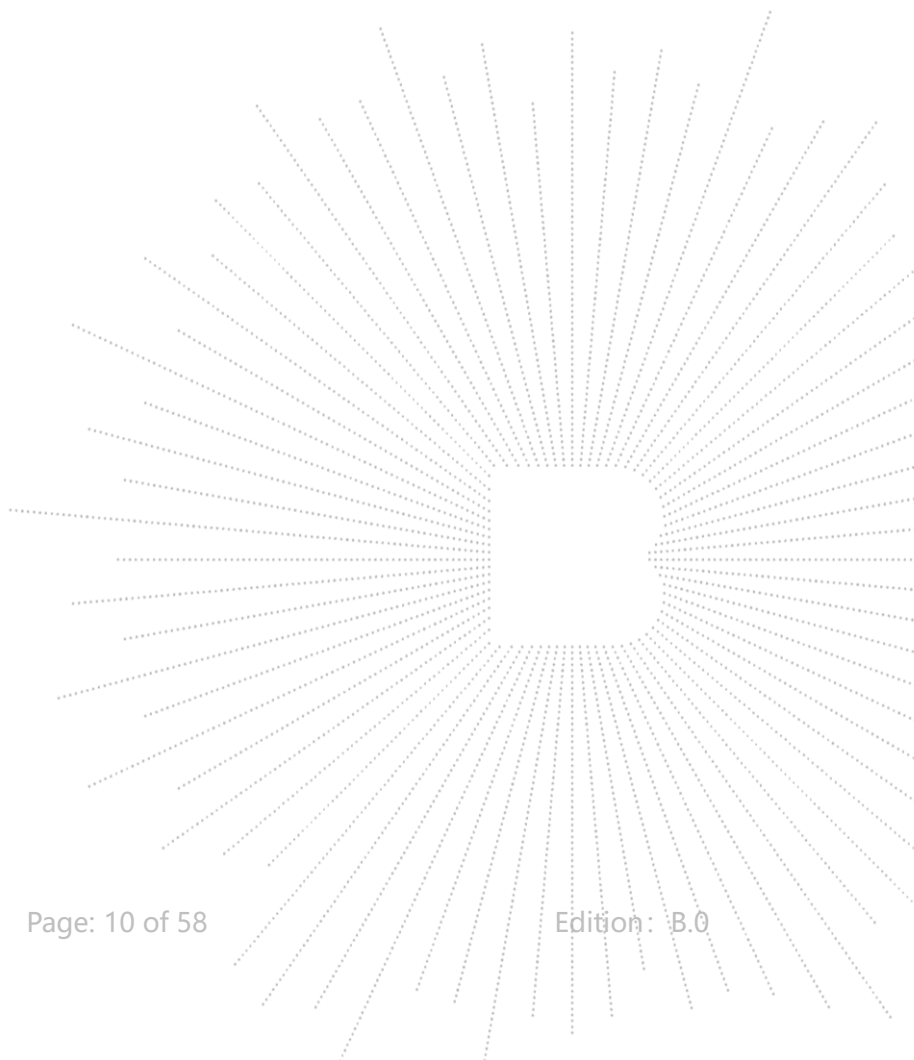


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Band 5	3	20415	15	#0	QPSK	NV	NT	6.62	0.008	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	HV	NT	8.94	0.011	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	LV	NT	10.66	0.013	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	NT	13.06	0.016	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	HV	NT	13.79	0.017	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	LV	NT	-4.26	-0.005	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	NT	-2.06	-0.002	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	HV	NT	0.01	0.000	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	LV	NT	3.50	0.004	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	NT	4.48	0.005	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	HV	NT	7.38	0.009	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	LV	NT	-2.98	-0.004	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	NT	-1.44	-0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	HV	NT	-1.57	-0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	LV	NT	-1.62	-0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	NT	-3.63	-0.004	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	HV	NT	-5.38	-0.006	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	LV	NT	2.32	0.003	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	NT	-6.29	-0.008	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	HV	NT	2.59	0.003	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	LV	NT	7.24	0.009	-2.5	2.5	PASS



Band 5	5	20425	25	#0	16QAM	NV	NT	9.18	0.011	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	HV	NT	10.50	0.013	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	LV	NT	-2.37	-0.003	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	NT	0.89	0.001	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	HV	NT	3.18	0.004	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	LV	NT	5.61	0.007	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	NT	7.91	0.009	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	HV	NT	7.65	0.009	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	LV	NT	-5.11	-0.006	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	NT	-3.73	-0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	HV	NT	-12.12	-0.014	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	LV	NT	-23.95	-0.028	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	NT	-18.77	-0.022	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	HV	NT	-22.02	-0.026	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	LV	NT	-7.15	-0.009	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	NT	-0.53	-0.001	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	HV	NT	1.00	0.001	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	LV	NT	2.52	0.003	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	NT	3.58	0.004	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	HV	NT	5.15	0.006	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	LV	NT	-0.87	-0.001	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	NT	3.56	0.004	-2.5	2.5	PASS

Band 5	10	20525	50	#0	QPSK	HV	NT	6.09	0.007	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	LV	NT	9.03	0.011	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	NT	11.69	0.014	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	HV	NT	14.10	0.017	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	LV	NT	-2.76	-0.00 3	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	NT	-0.82	-0.00 1	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	HV	NT	-2.13	-0.00 3	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	LV	NT	-2.82	-0.00 3	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	NT	-4.48	-0.00 5	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	HV	NT	-13.6 8	-0.01 6	-2.5	2.5	PASS

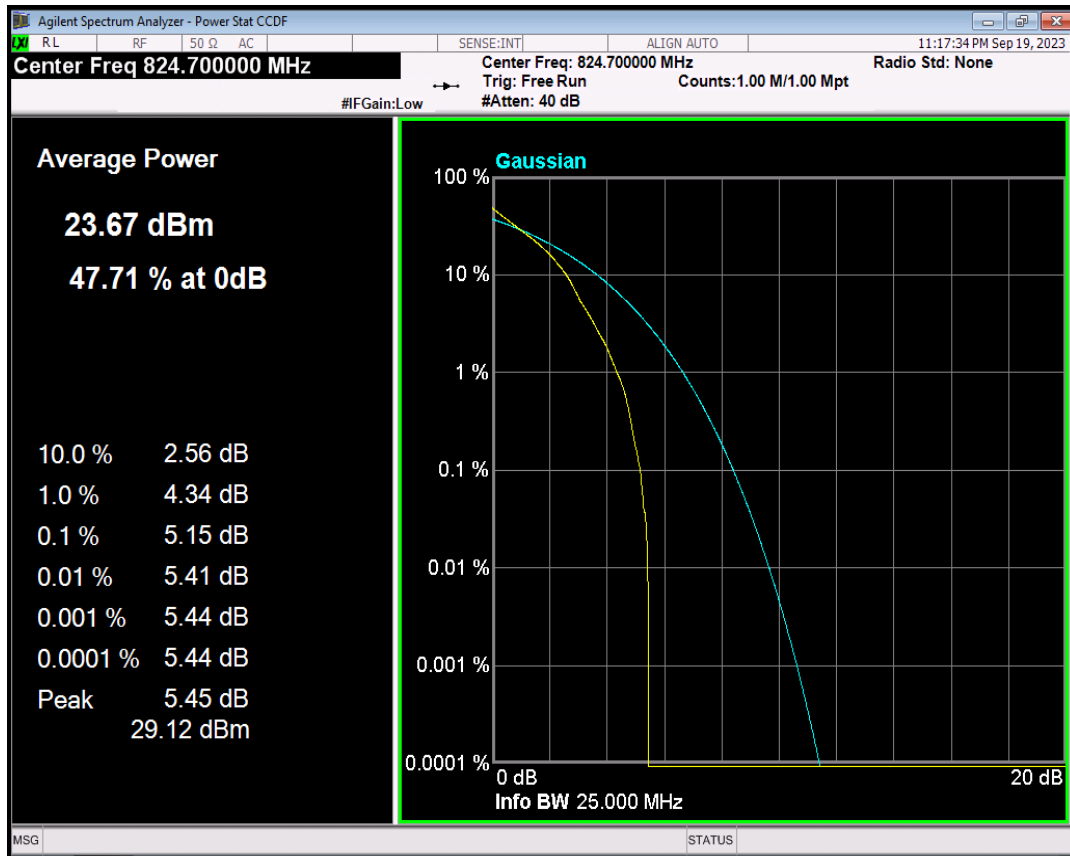


Appendix 3. Peak-to-Average Ratio

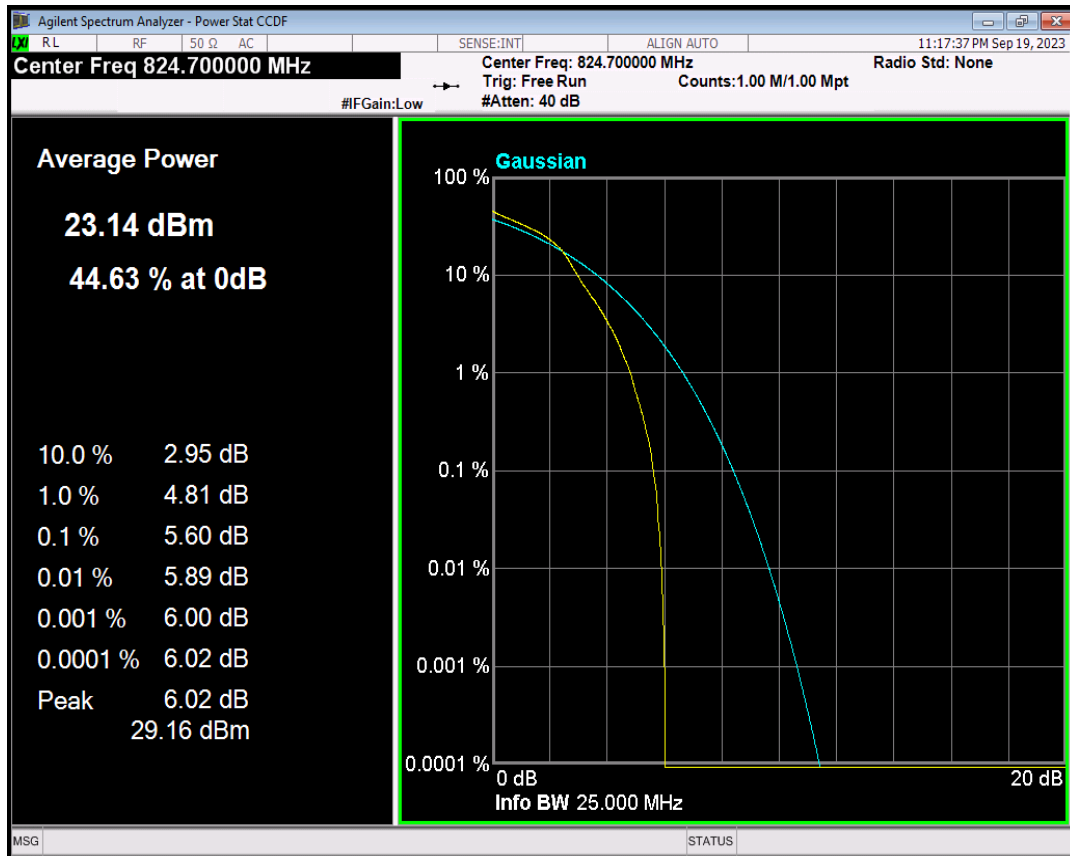
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	5.15	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.60	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.47	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.01	13	PASS
Band5	1.4	20643	1	#0	QPSK	5.39	13	PASS
Band5	1.4	20643	1	#0	16QAM	6.08	13	PASS
Band5	3	20415	1	#0	QPSK	5.05	13	PASS
Band5	3	20415	1	#0	16QAM	6.10	13	PASS
Band5	3	20525	1	#0	QPSK	4.16	13	PASS
Band5	3	20525	1	#0	16QAM	4.55	13	PASS
Band5	3	20635	1	#0	QPSK	5.45	13	PASS
Band5	3	20635	1	#0	16QAM	6.04	13	PASS
Band5	5	20425	1	#0	QPSK	5.23	13	PASS
Band5	5	20425	1	#0	16QAM	5.98	13	PASS
Band5	5	20525	1	#0	QPSK	3.68	13	PASS
Band5	5	20525	1	#0	16QAM	4.51	13	PASS
Band5	5	20625	1	#0	QPSK	5.39	13	PASS
Band5	5	20625	1	#0	16QAM	6.15	13	PASS
Band5	10	20450	1	#0	QPSK	5.23	13	PASS
Band5	10	20450	1	#0	16QAM	6.31	13	PASS
Band5	10	20525	1	#0	QPSK	3.27	13	PASS
Band5	10	20525	1	#0	16QAM	4.30	13	PASS
Band5	10	20600	1	#0	QPSK	5.14	13	PASS
Band5	10	20600	1	#0	16QAM	5.91	13	PASS



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0

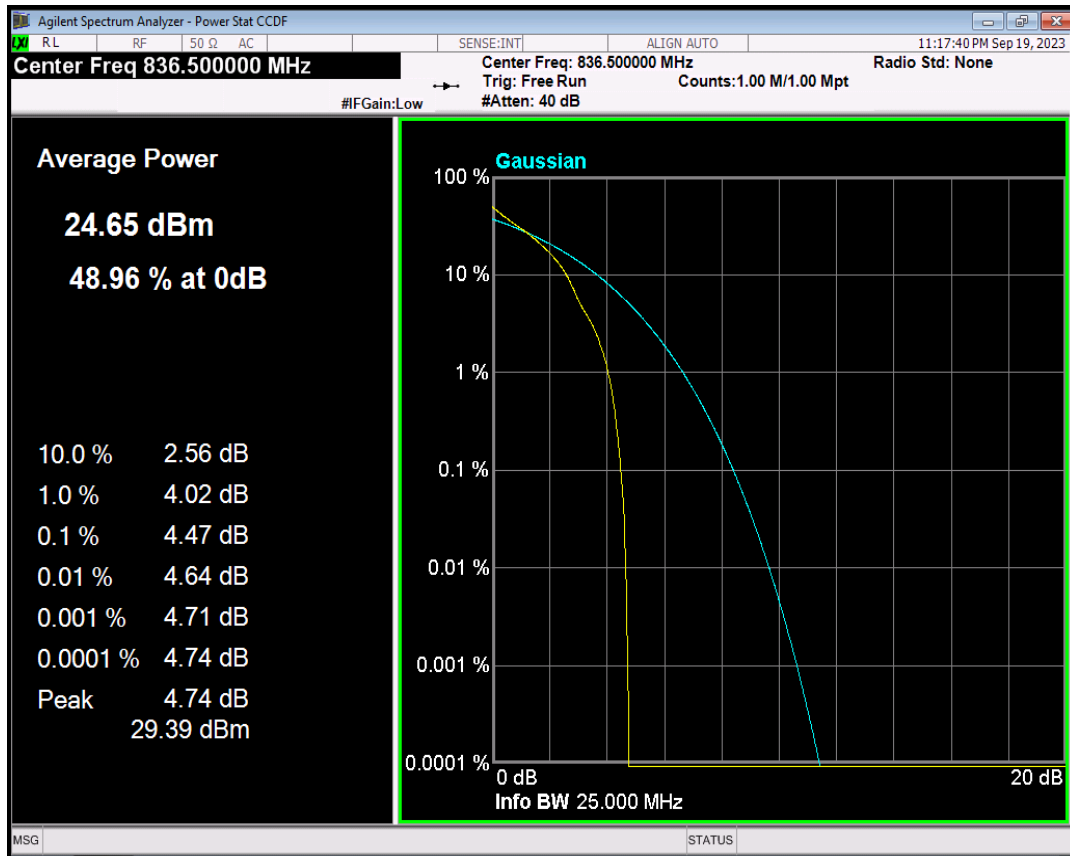


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0

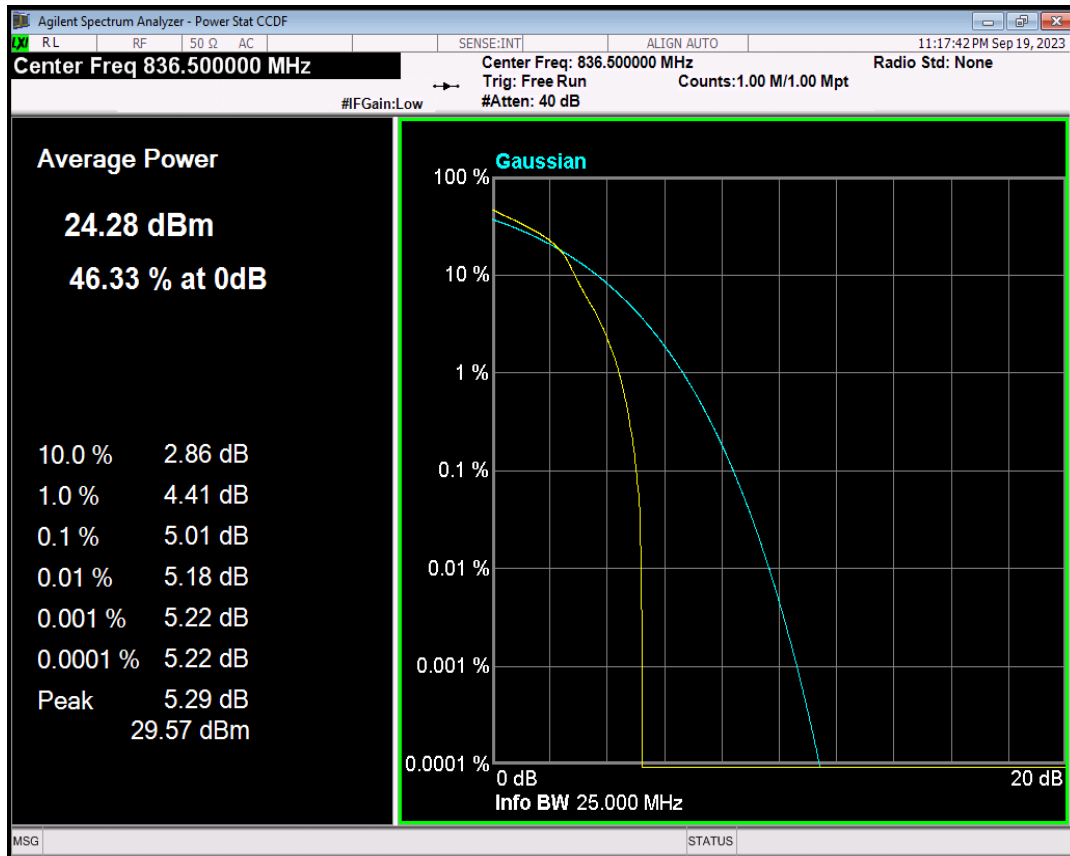




Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0

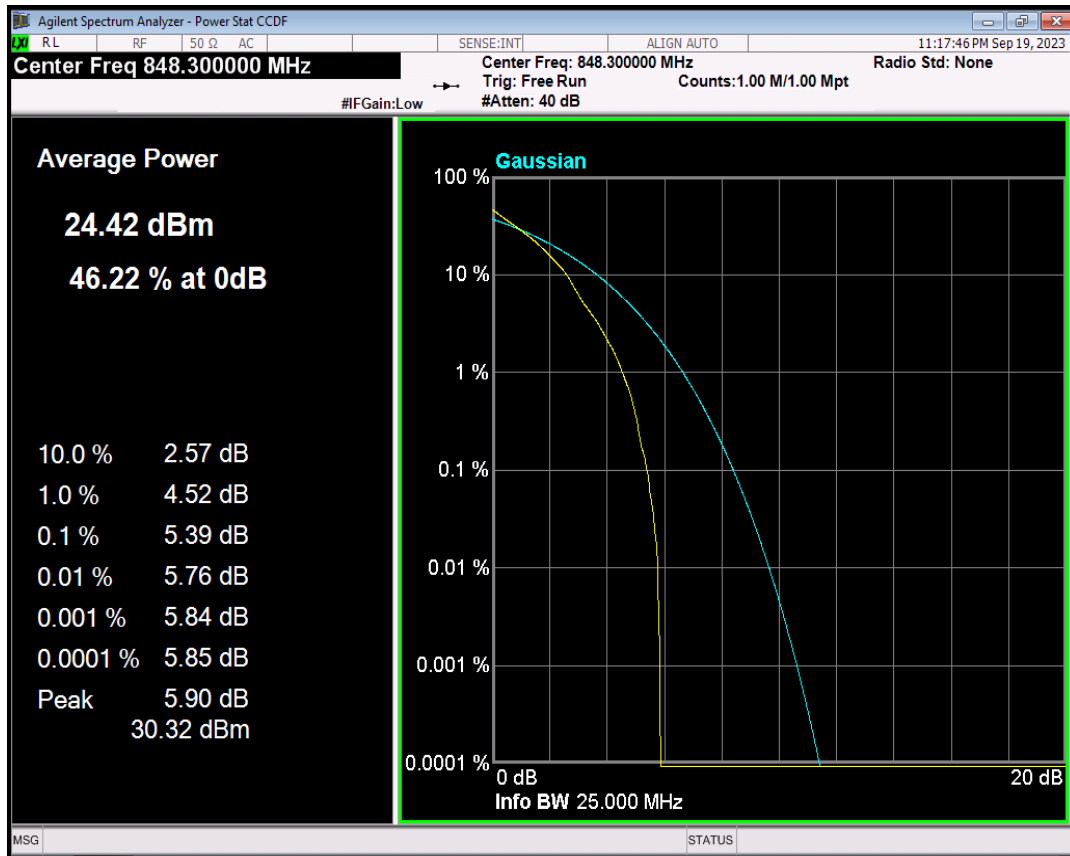


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0

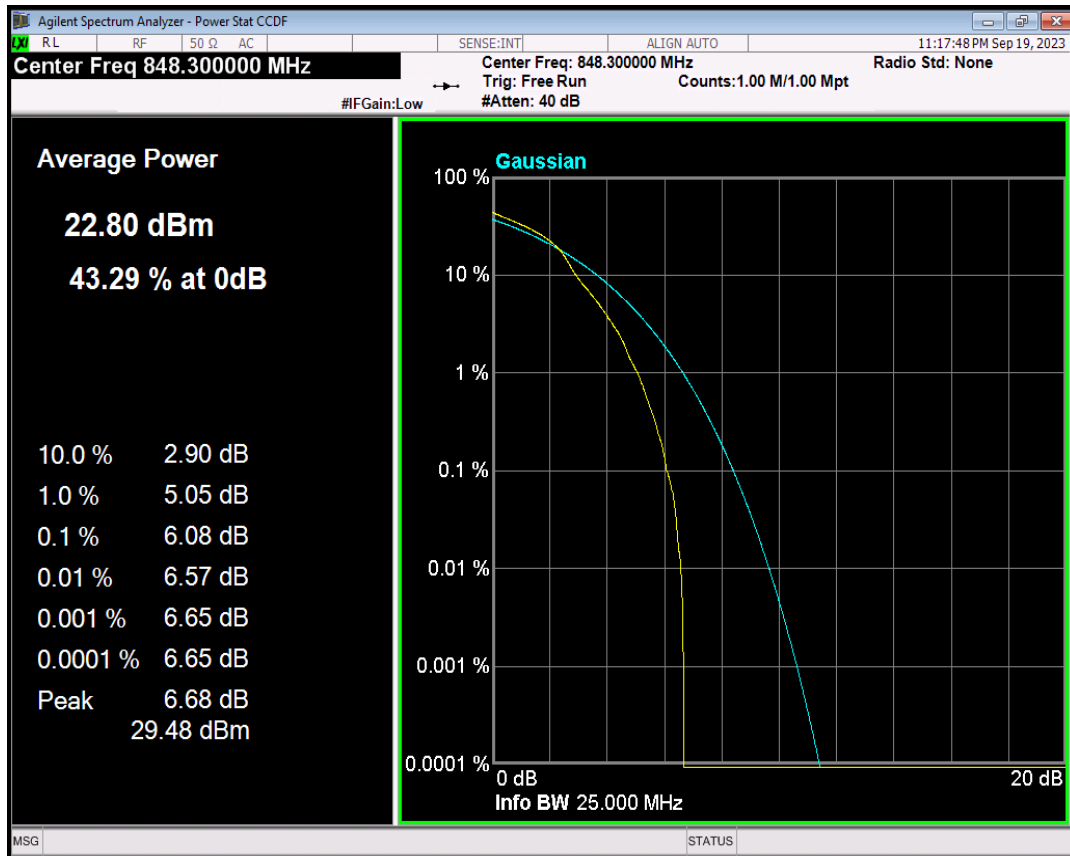




Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0

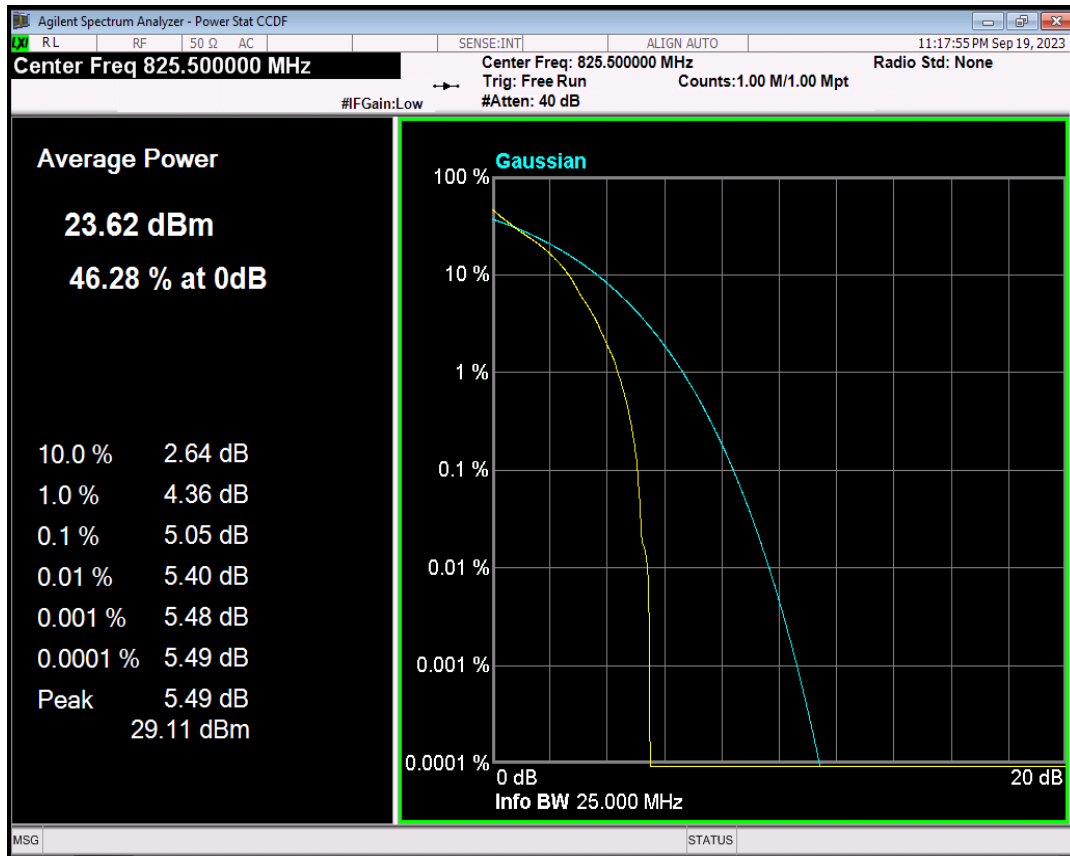


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0

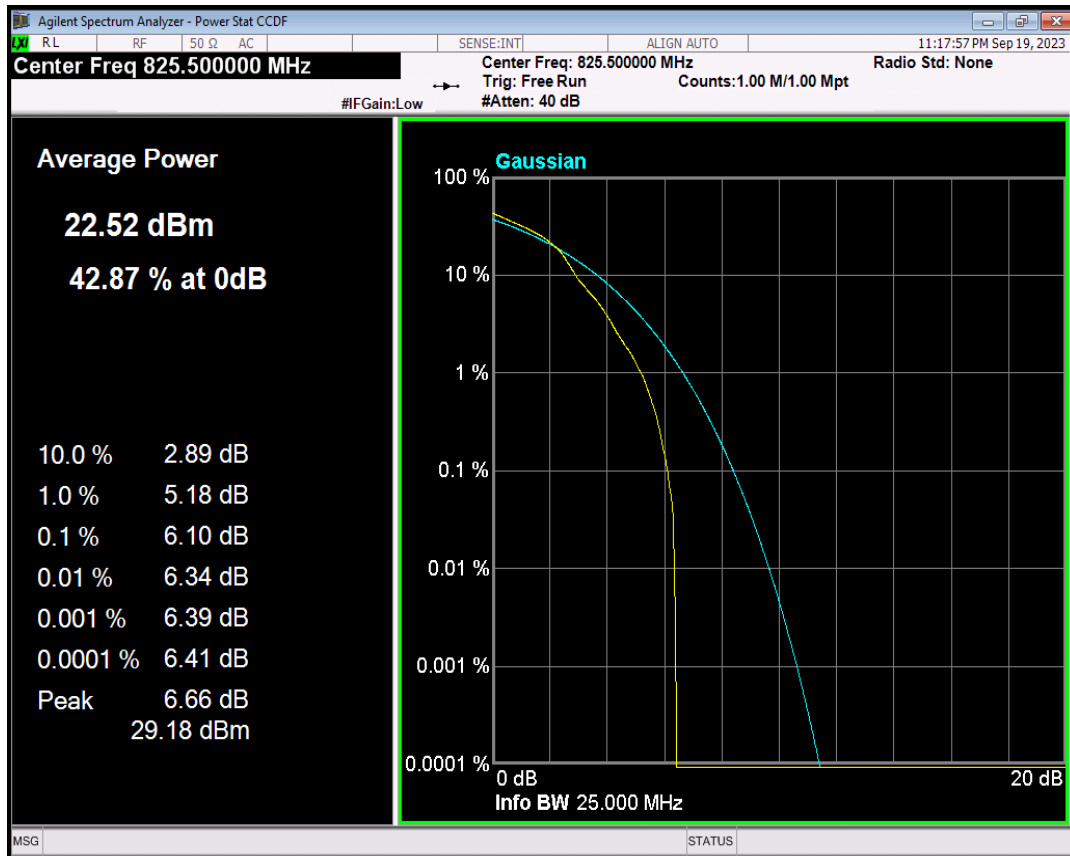




Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0

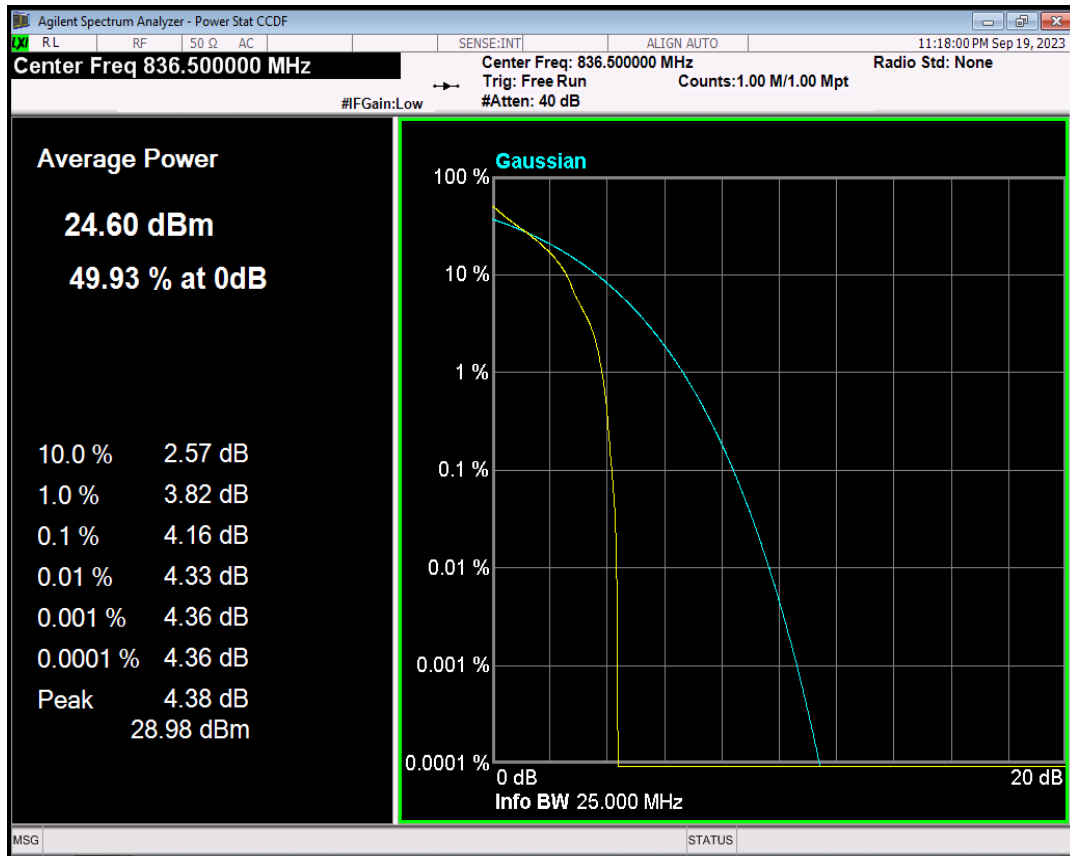


Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0

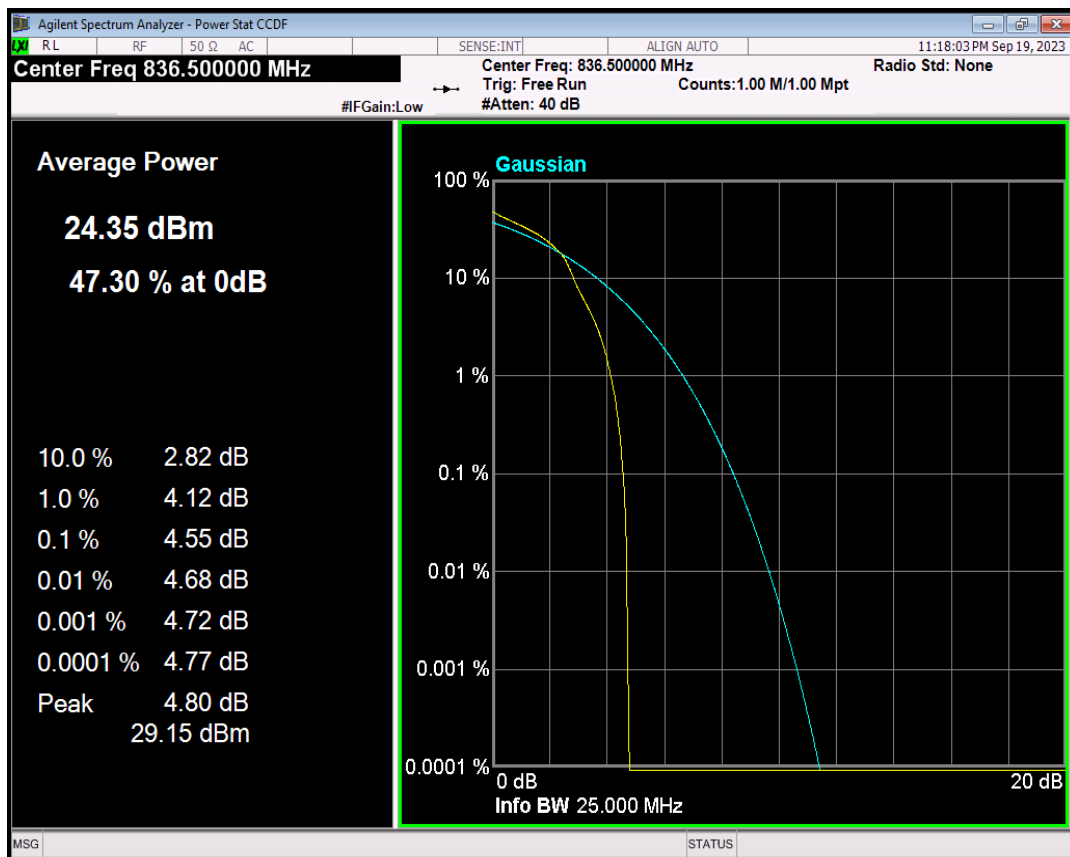




Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0

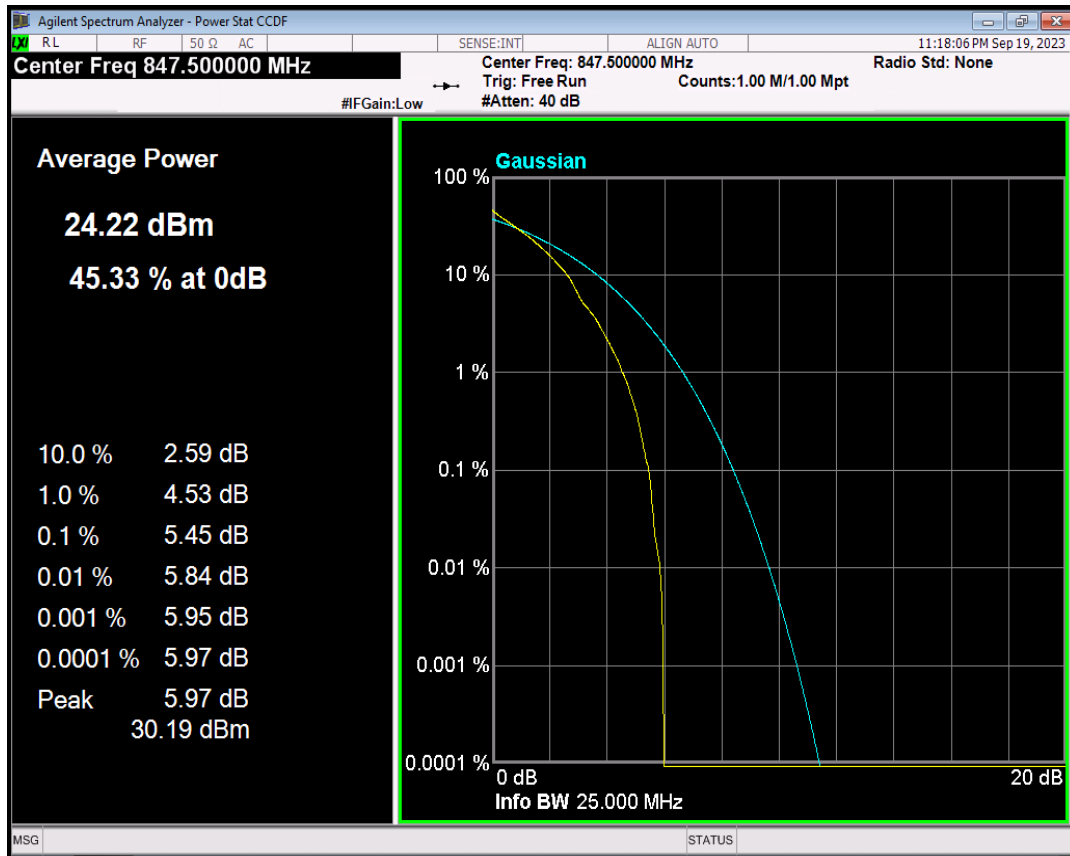


Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0

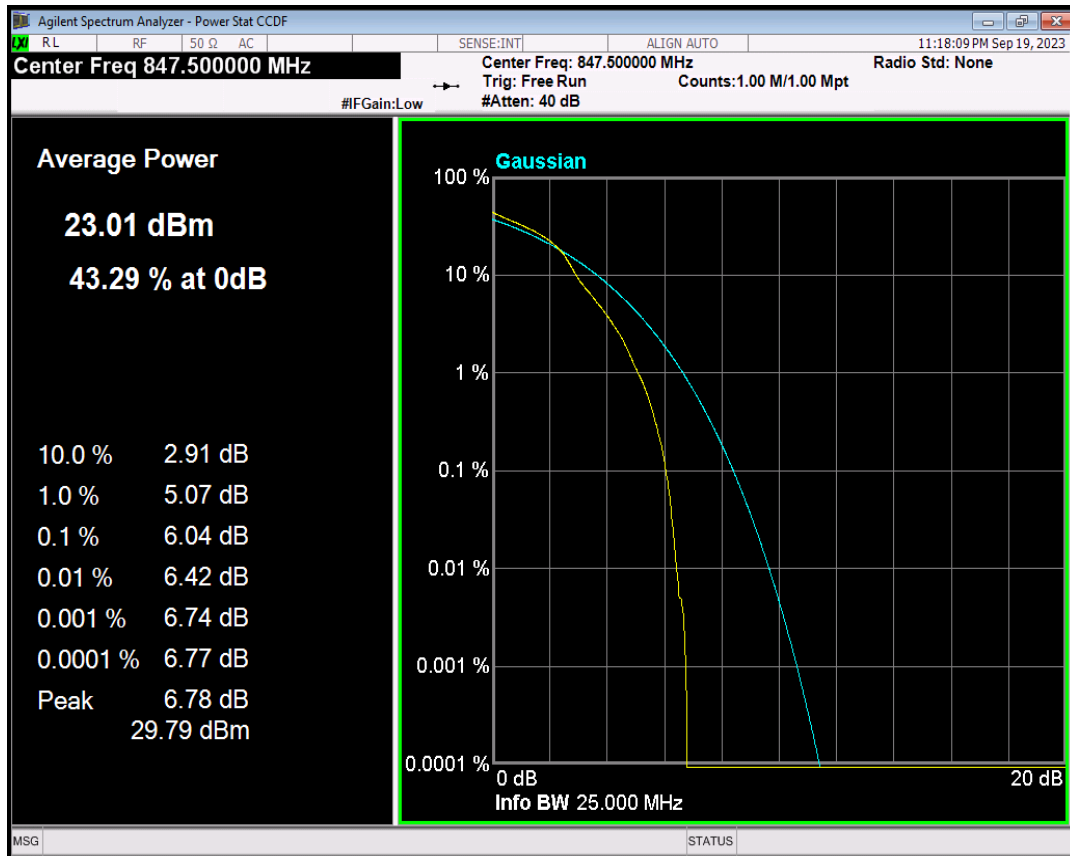




Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0

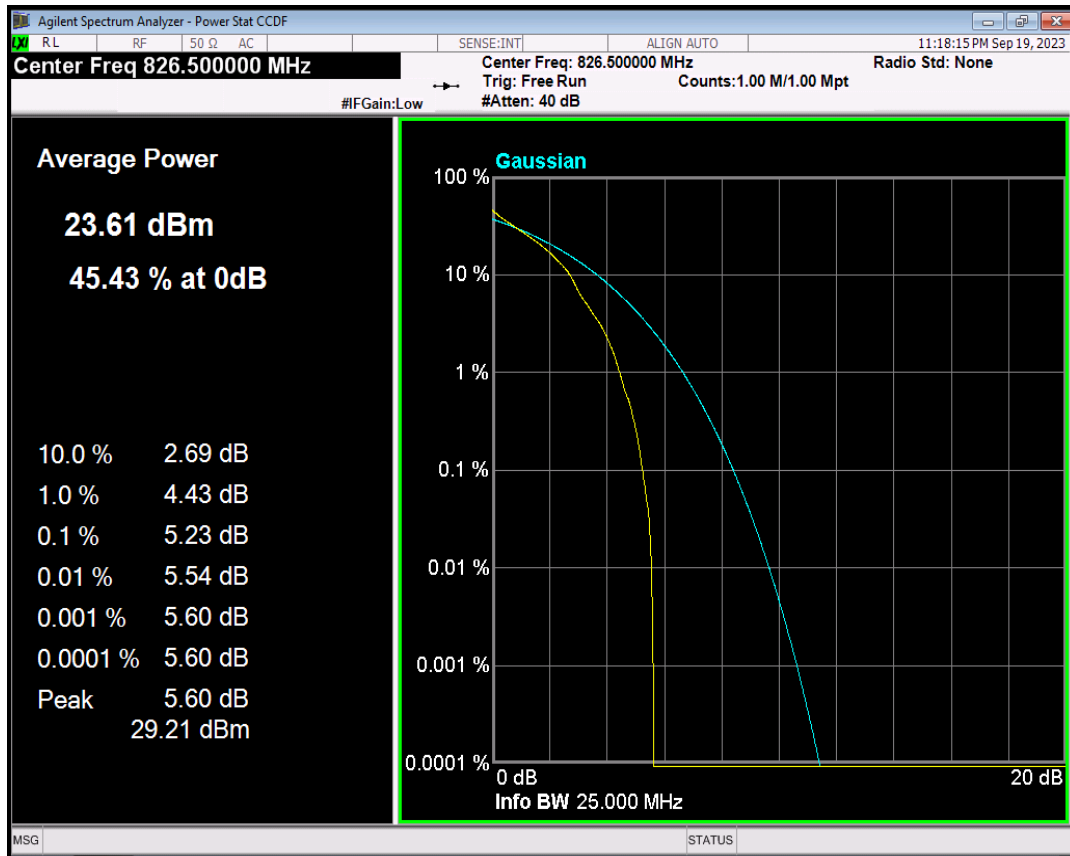


Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0

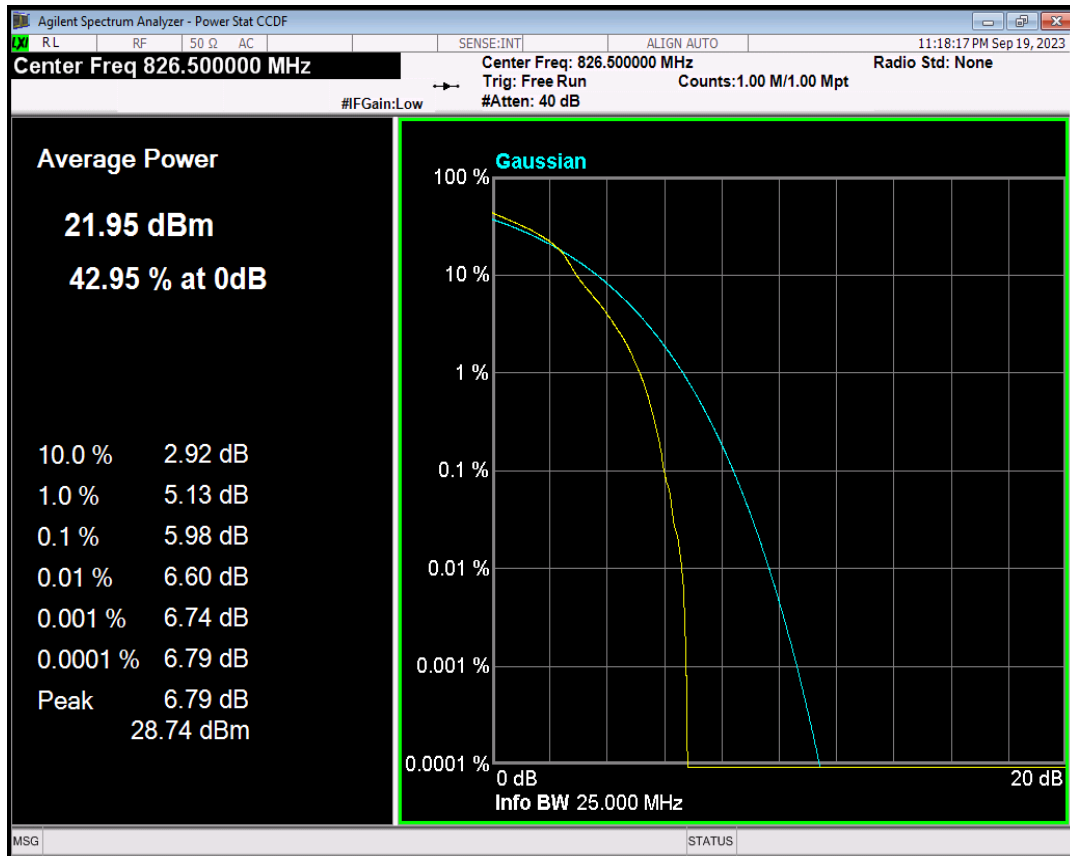




Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0

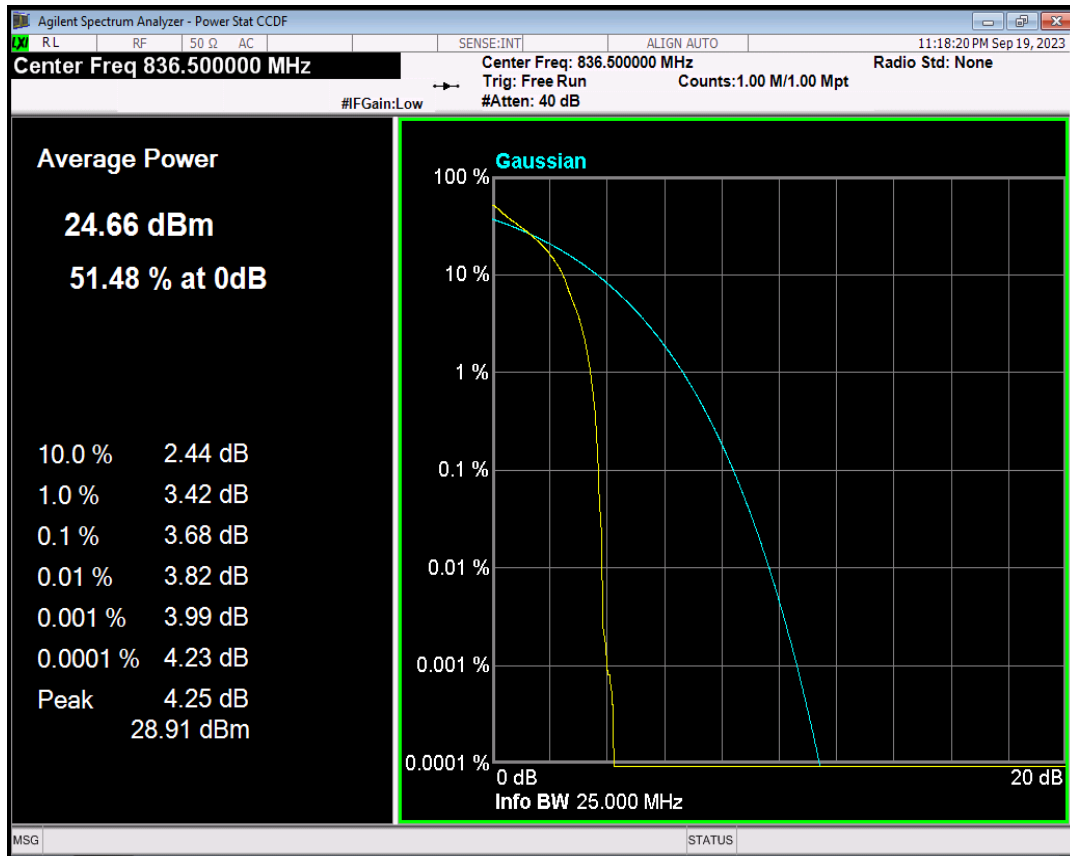


Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0

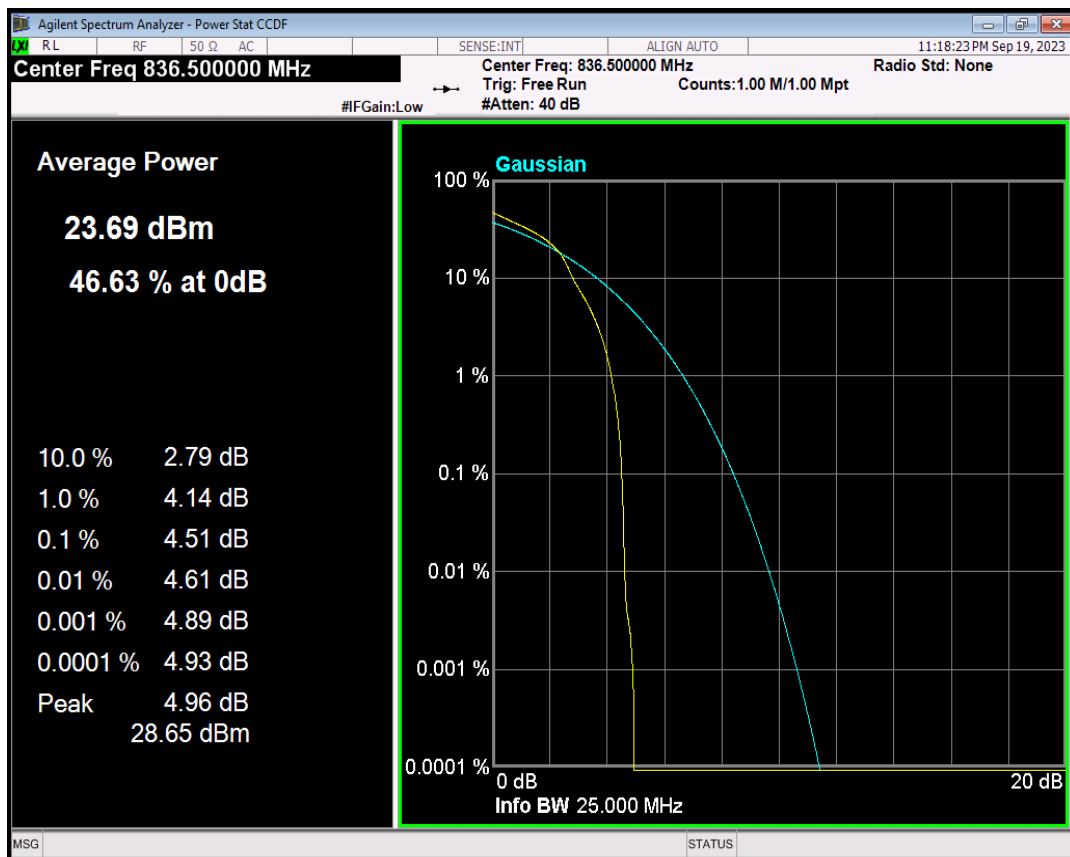




Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0

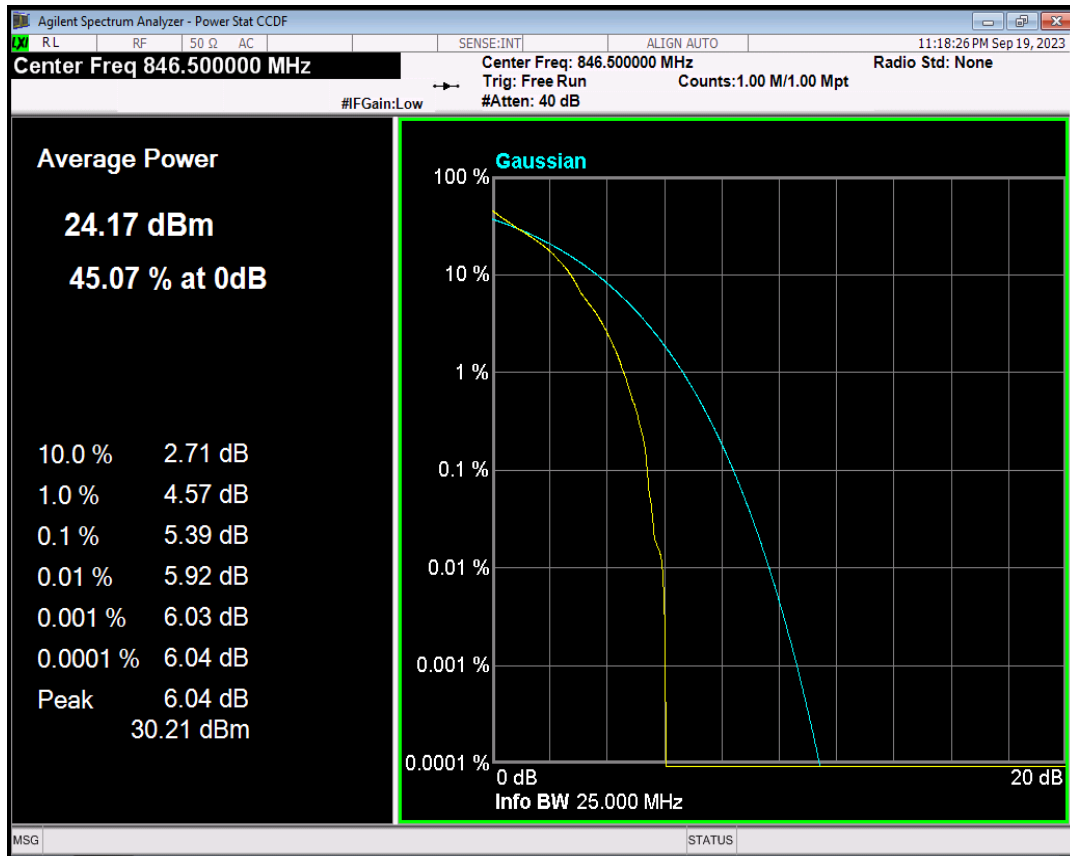


Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0

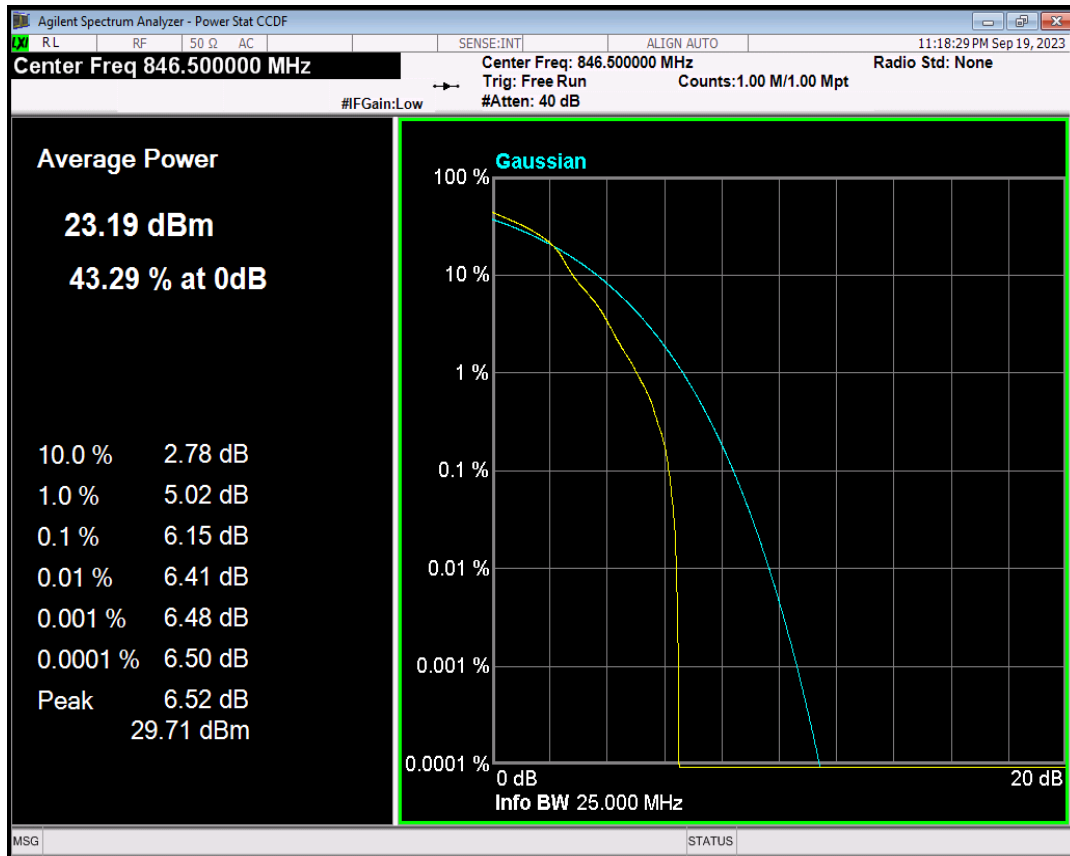




Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0

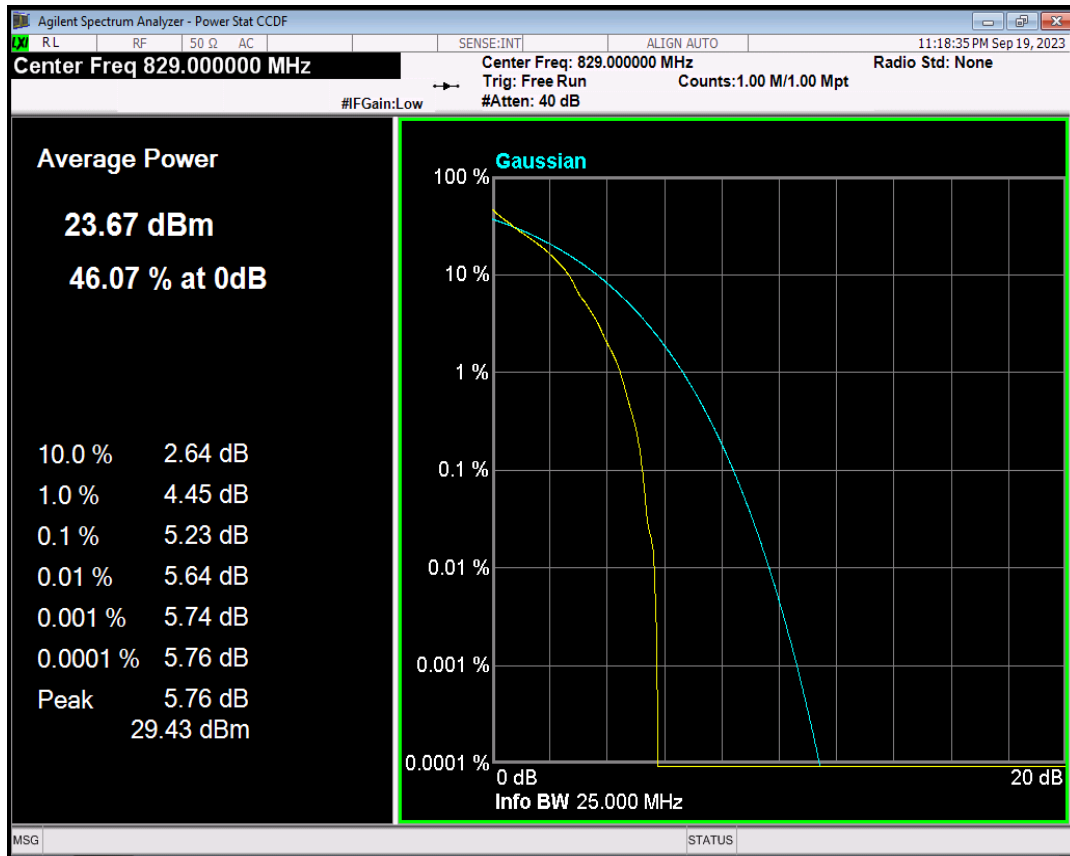


Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0

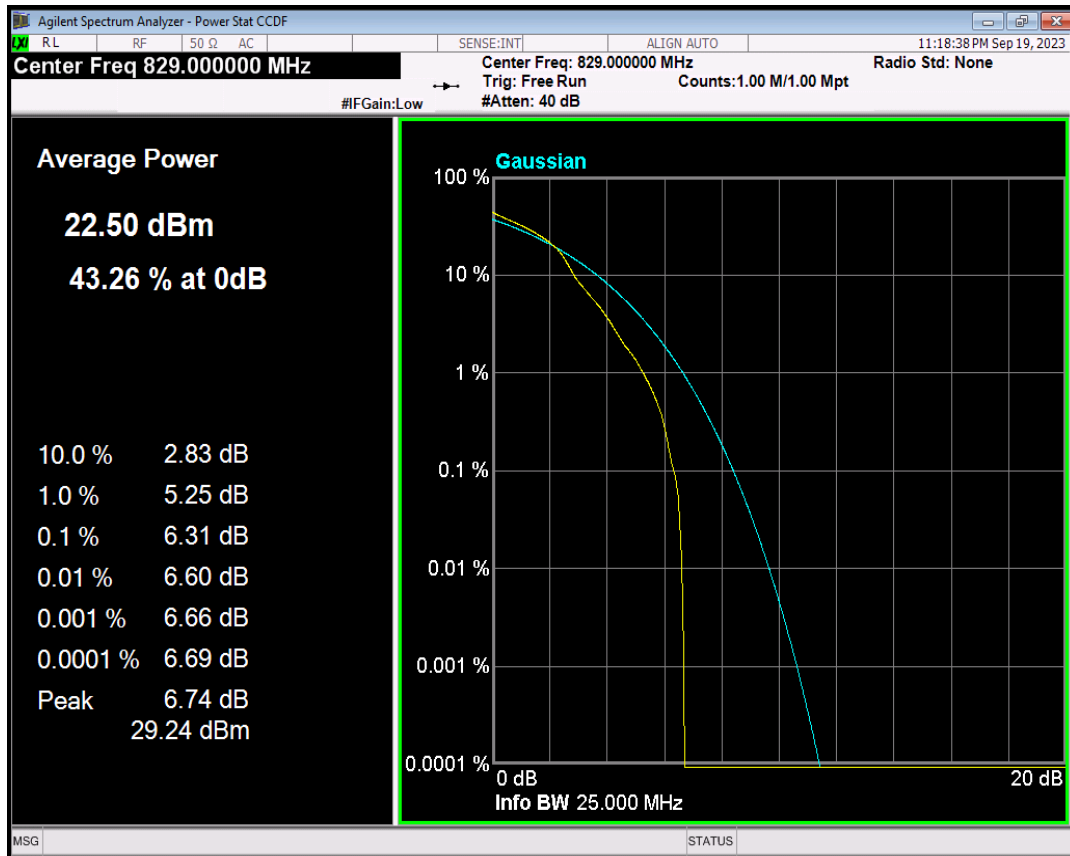




Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0

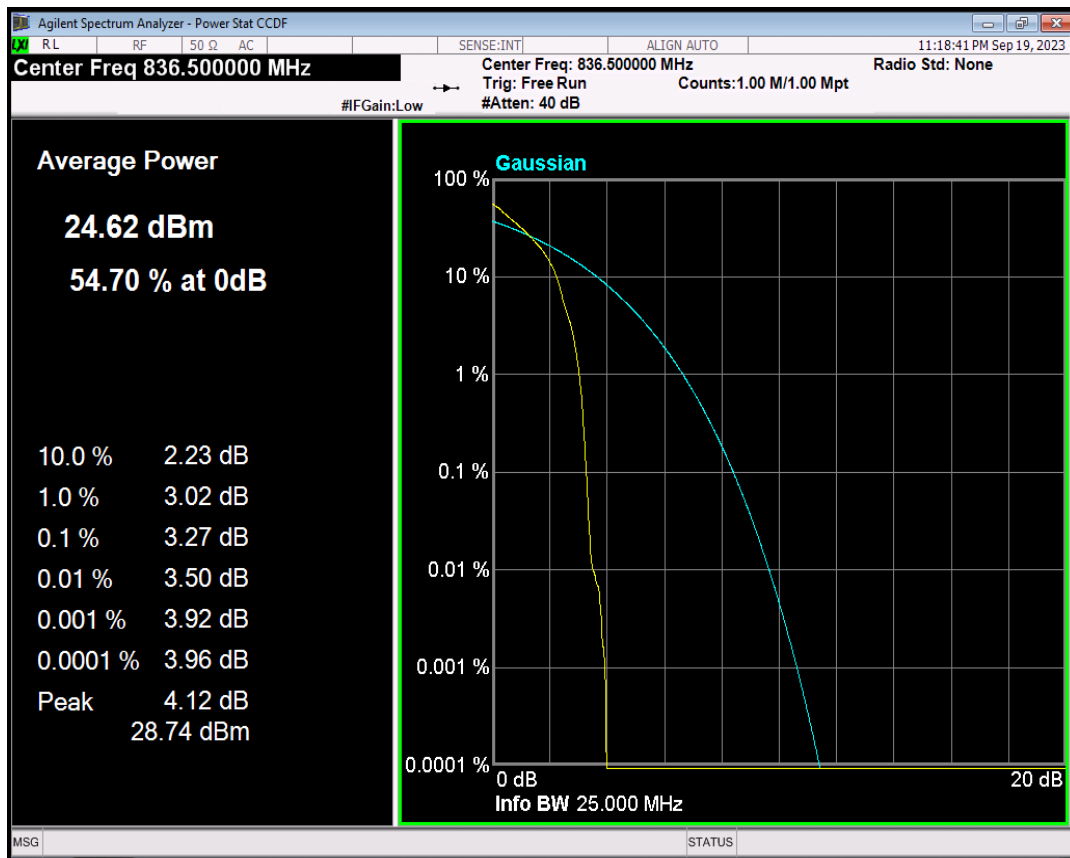


Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0

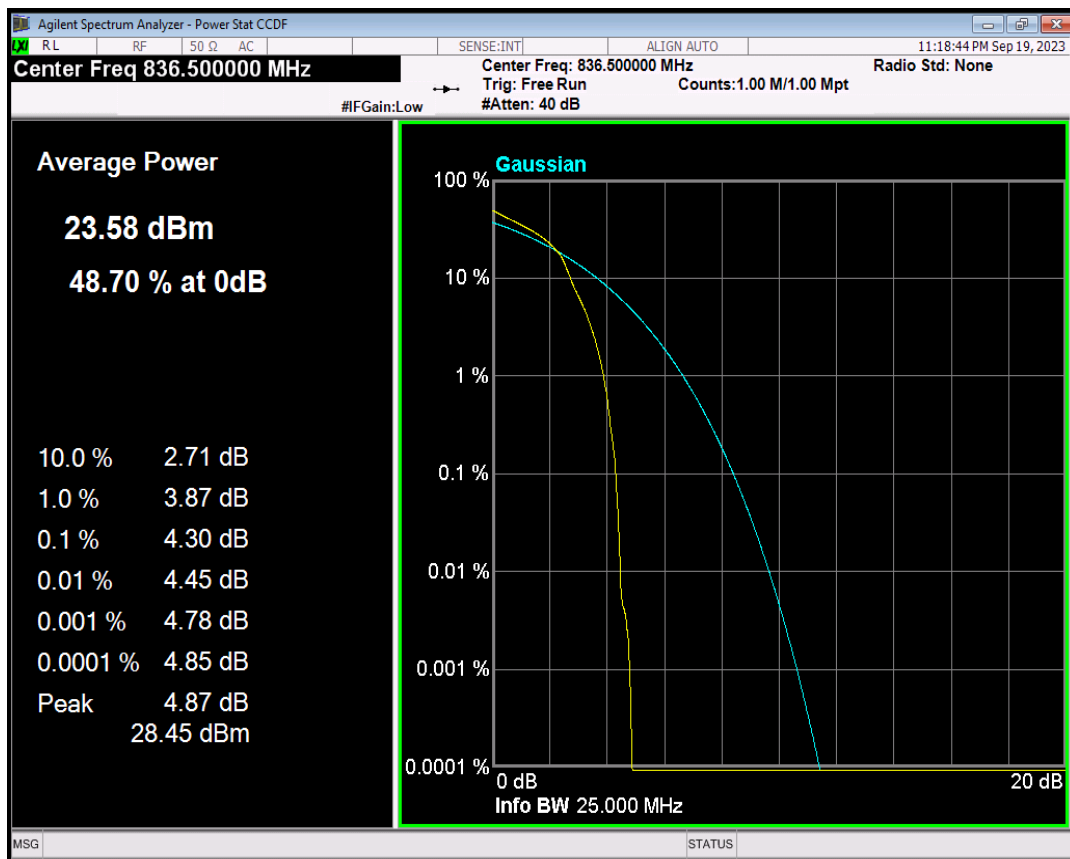




Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0

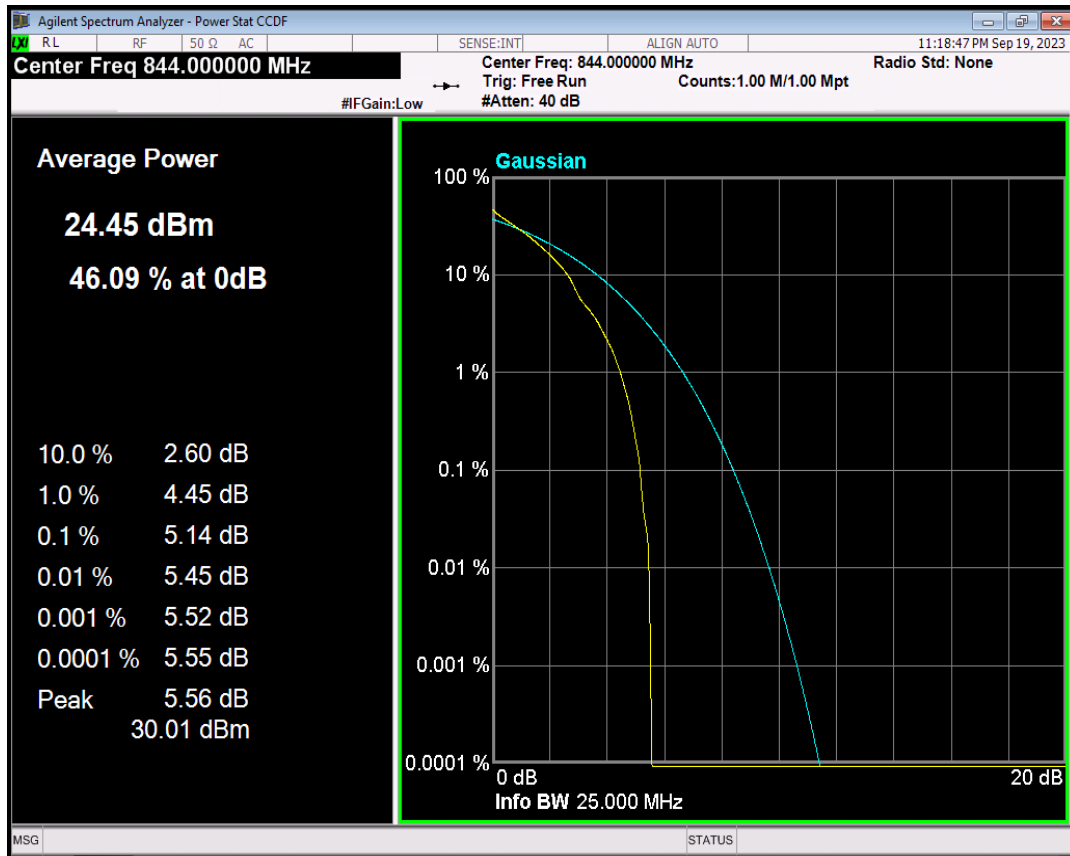


Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0

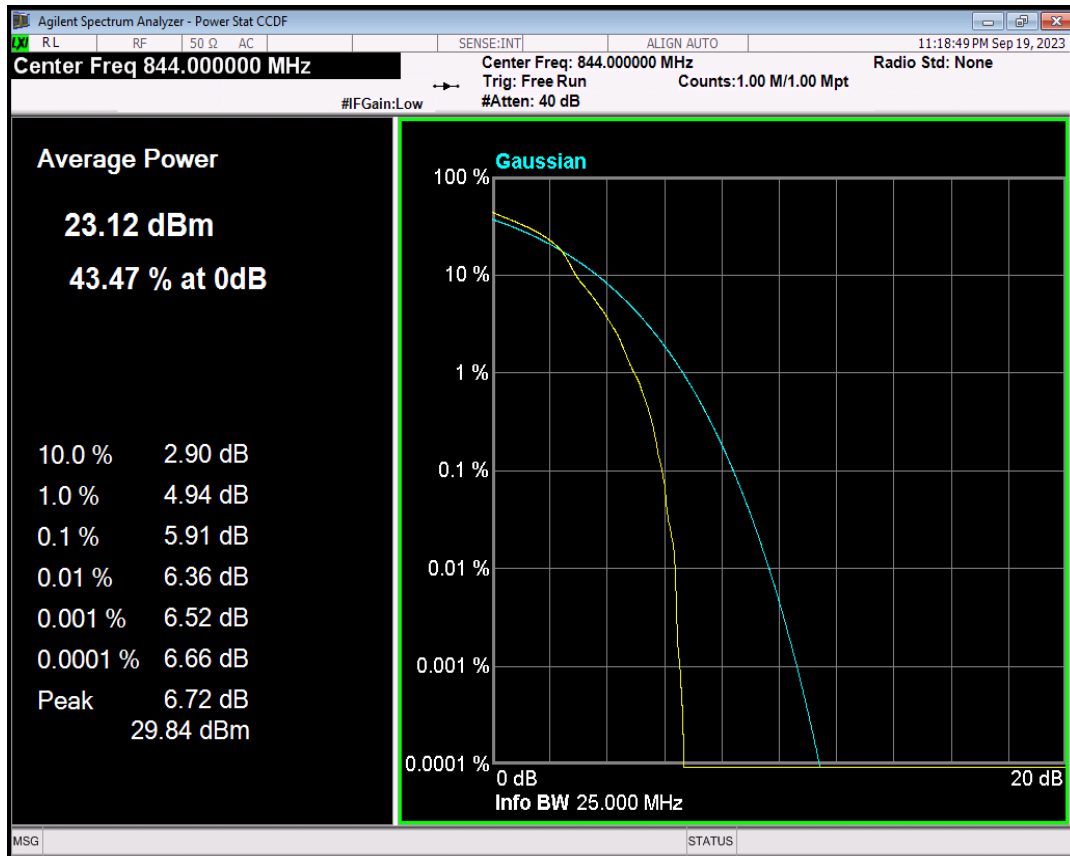




Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0

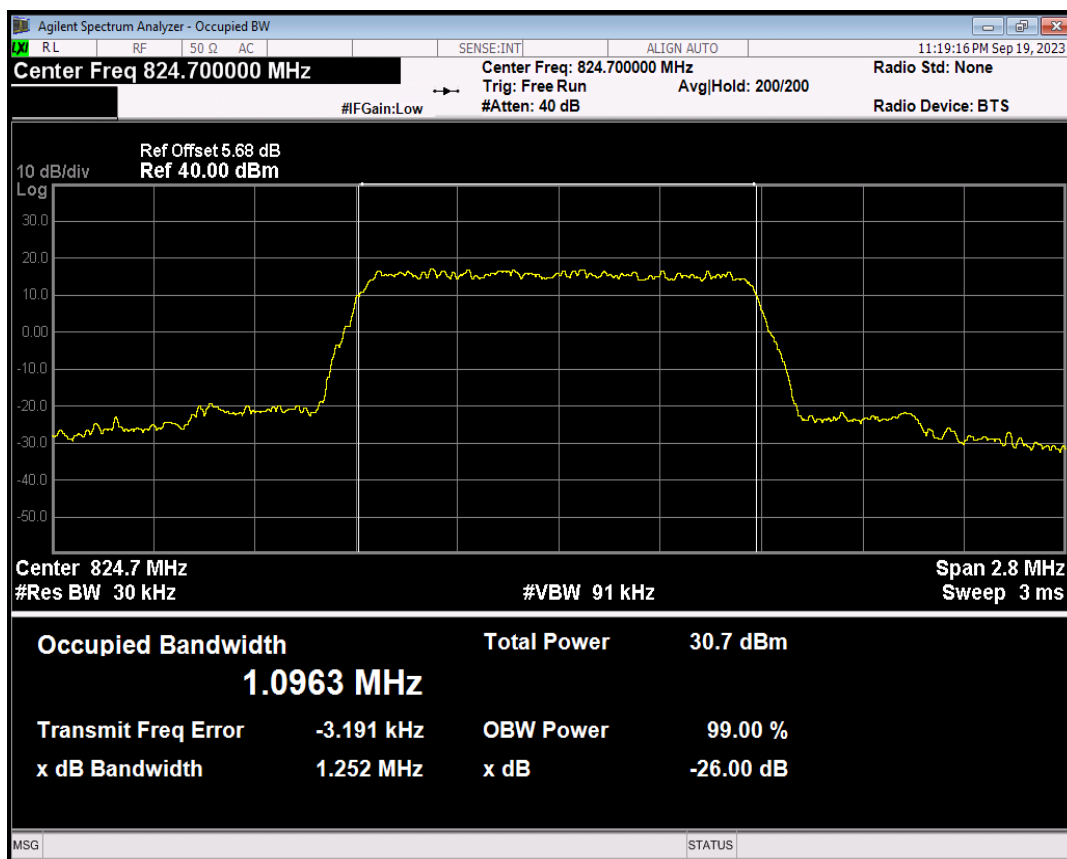


Appendix 4. Occupied bandwidth

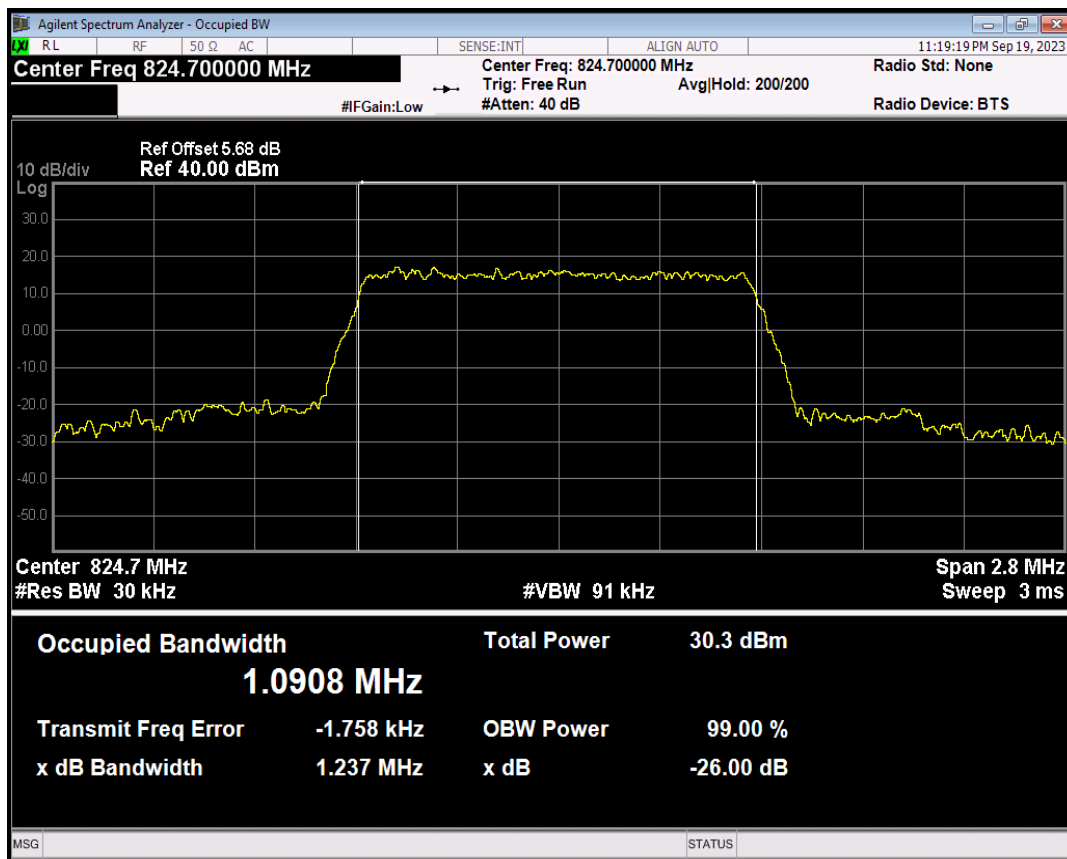
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.096	1.252	PASS
Band5	1.4	20407	6	#0	16QAM	1.091	1.237	PASS
Band5	1.4	20525	6	#0	QPSK	1.092	1.249	PASS
Band5	1.4	20525	6	#0	16QAM	1.095	1.243	PASS
Band5	1.4	20643	6	#0	QPSK	1.095	1.247	PASS
Band5	1.4	20643	6	#0	16QAM	1.108	1.246	PASS
Band5	3	20415	15	#0	QPSK	2.701	3.049	PASS
Band5	3	20415	15	#0	16QAM	2.708	3.025	PASS
Band5	3	20525	15	#0	QPSK	2.693	3.038	PASS
Band5	3	20525	15	#0	16QAM	2.706	3.061	PASS
Band5	3	20635	15	#0	QPSK	2.707	3.011	PASS
Band5	3	20635	15	#0	16QAM	2.717	3.049	PASS
Band5	5	20425	25	#0	QPSK	4.529	4.933	PASS
Band5	5	20425	25	#0	16QAM	4.531	4.954	PASS
Band5	5	20525	25	#0	QPSK	4.503	4.948	PASS
Band5	5	20525	25	#0	16QAM	4.505	4.989	PASS
Band5	5	20625	25	#0	QPSK	4.502	4.964	PASS
Band5	5	20625	25	#0	16QAM	4.520	4.978	PASS
Band5	10	20450	50	#0	QPSK	9.047	9.885	PASS
Band5	10	20450	50	#0	16QAM	9.029	9.937	PASS
Band5	10	20525	50	#0	QPSK	8.977	9.768	PASS
Band5	10	20525	50	#0	16QAM	8.979	9.770	PASS
Band5	10	20600	50	#0	QPSK	9.008	9.713	PASS
Band5	10	20600	50	#0	16QAM	8.963	9.833	PASS



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0

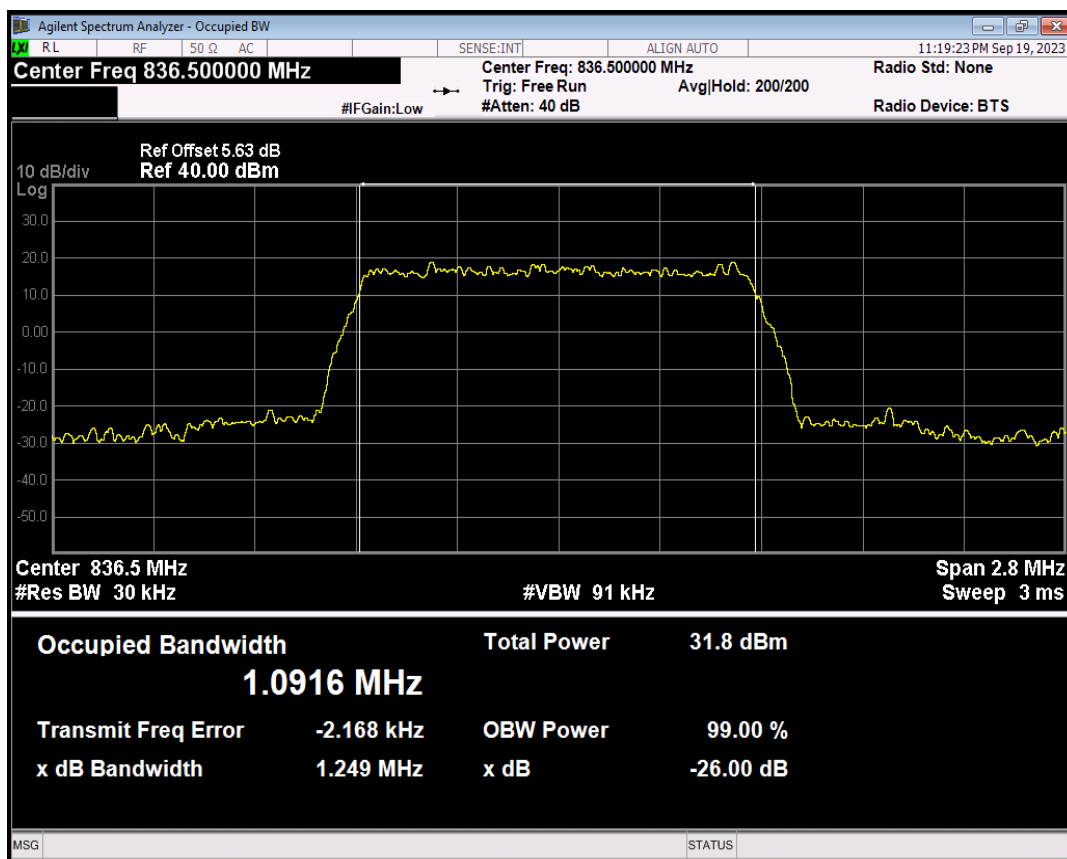


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0

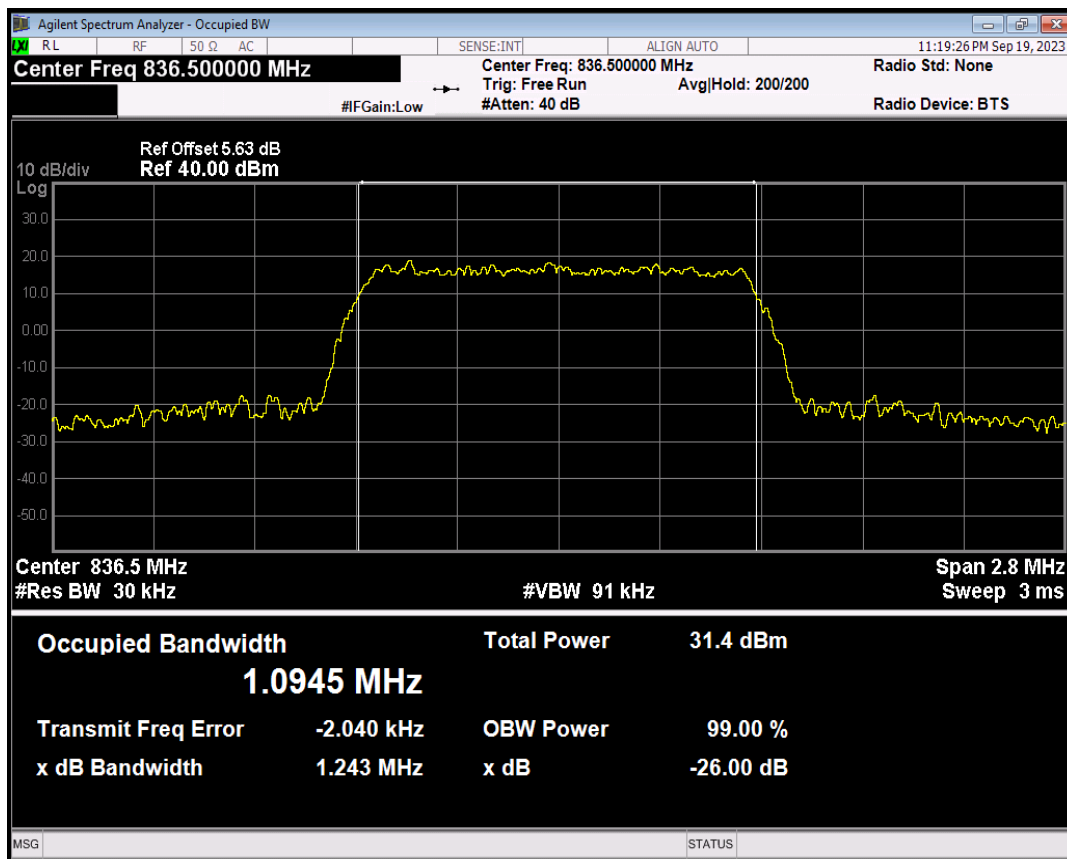




Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0

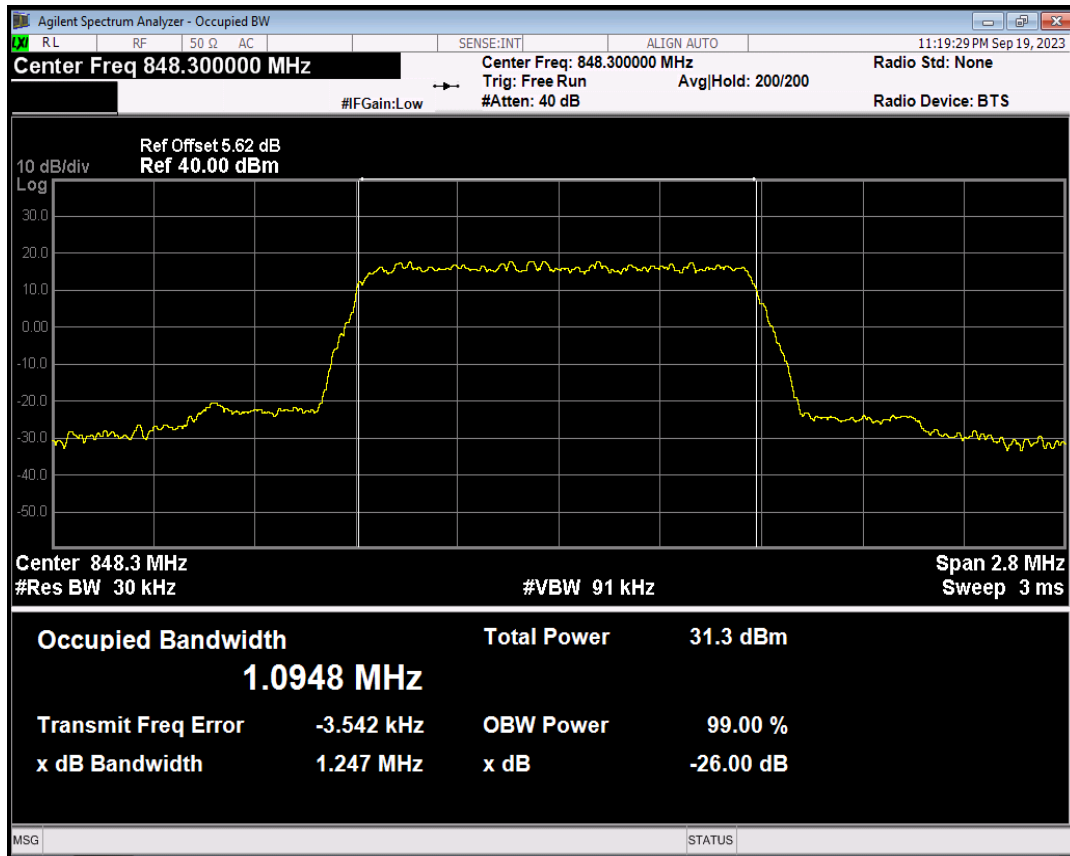


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0

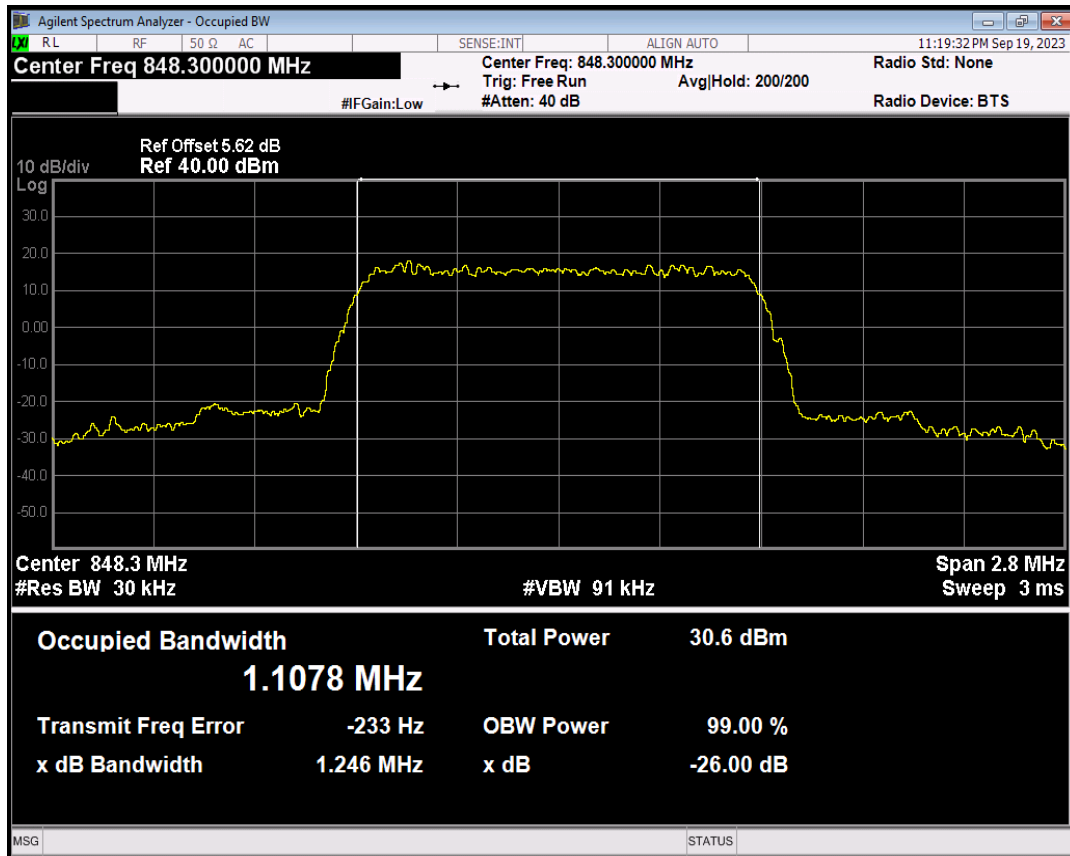




Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

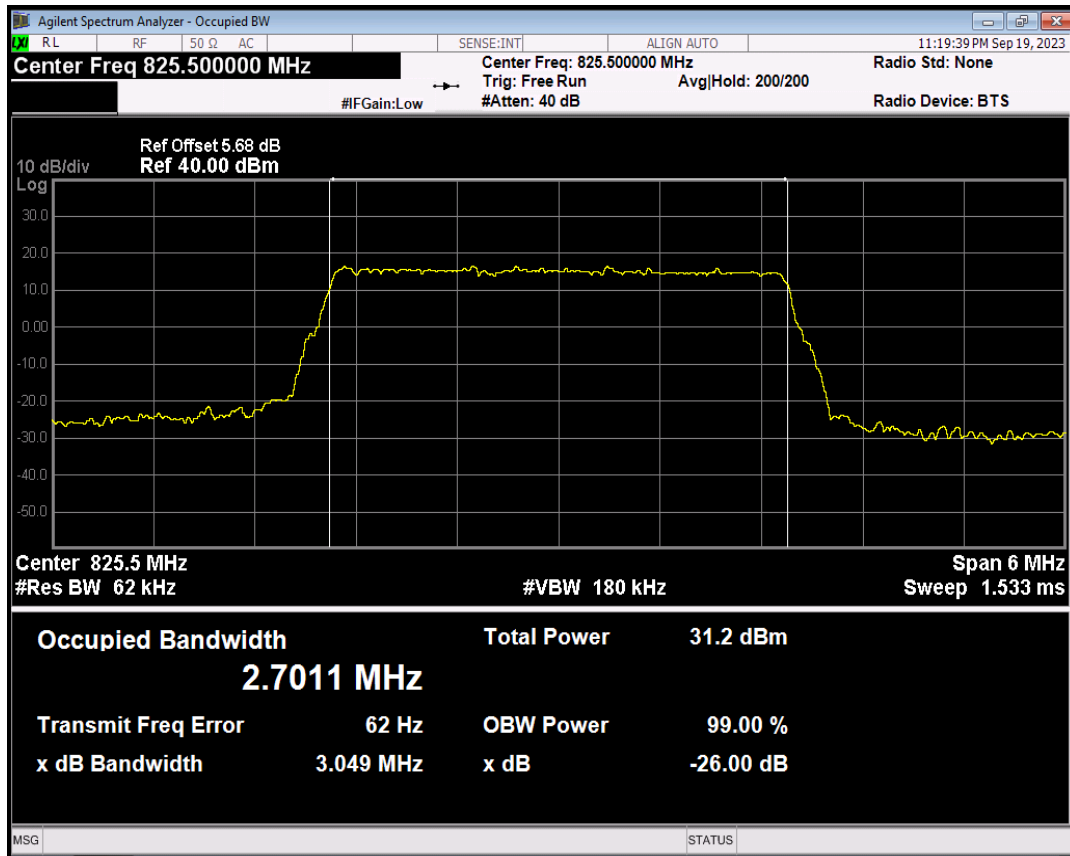


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

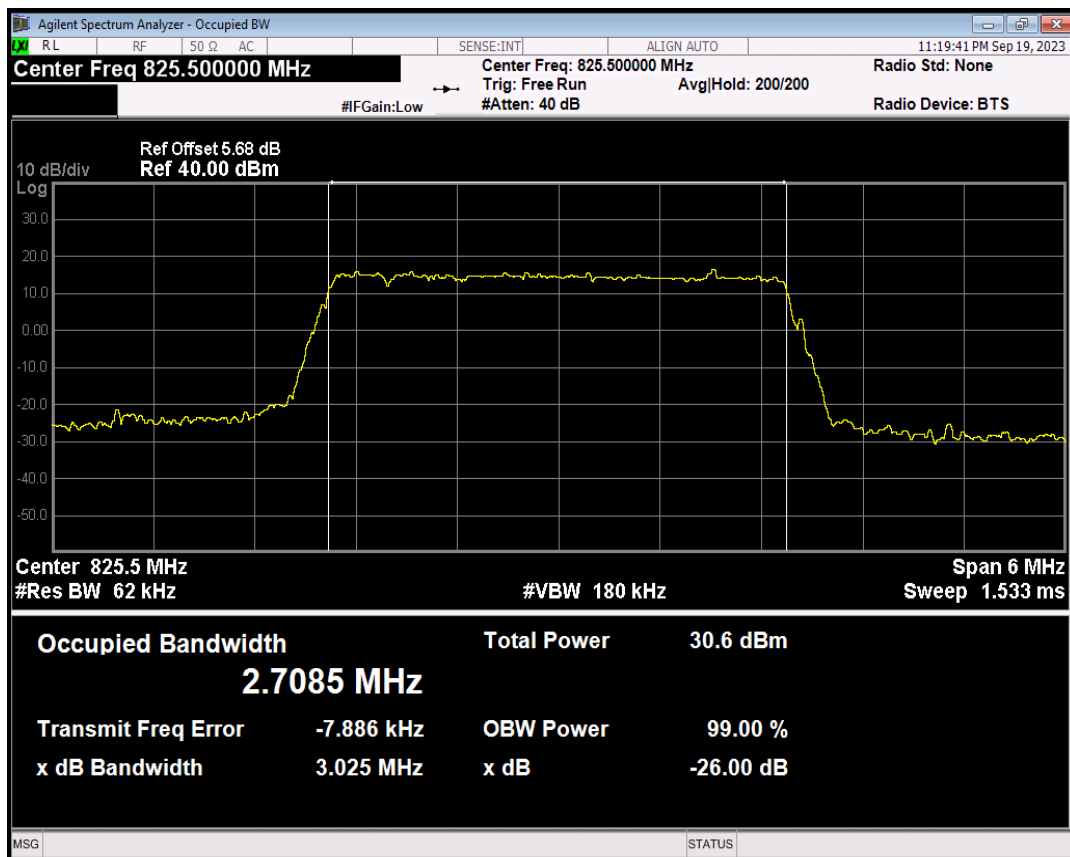




Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

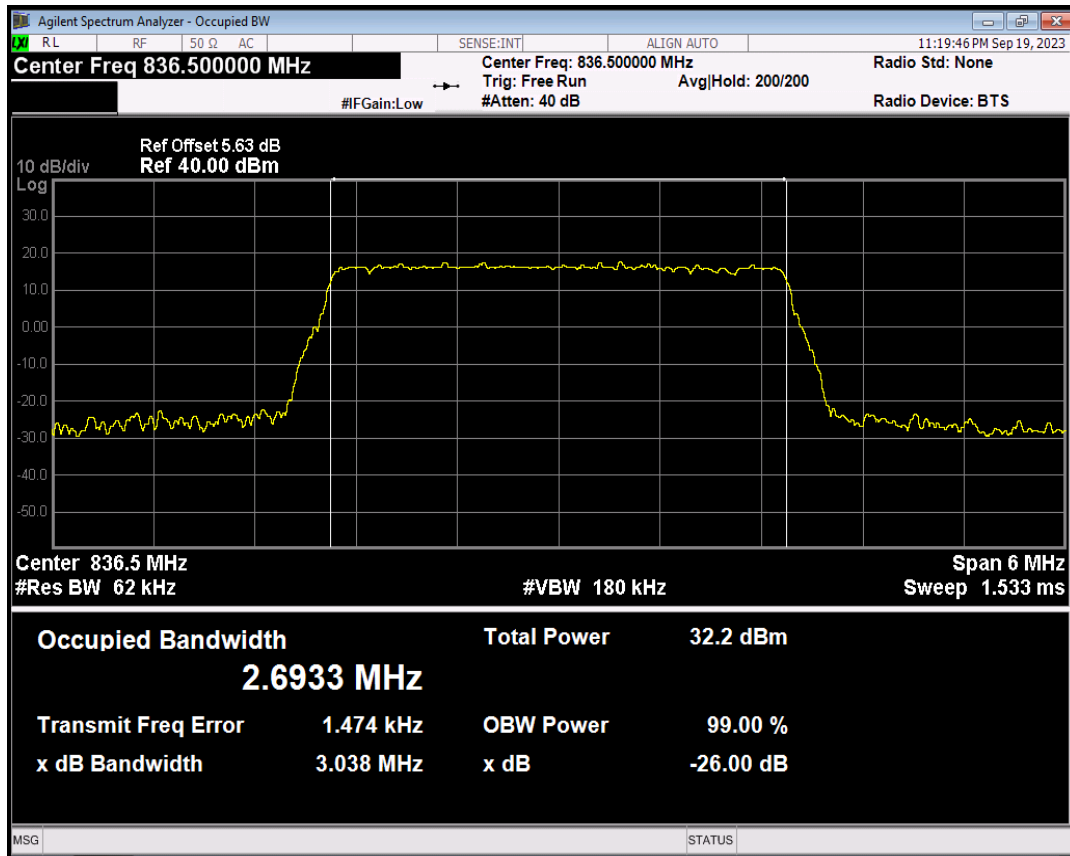


Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

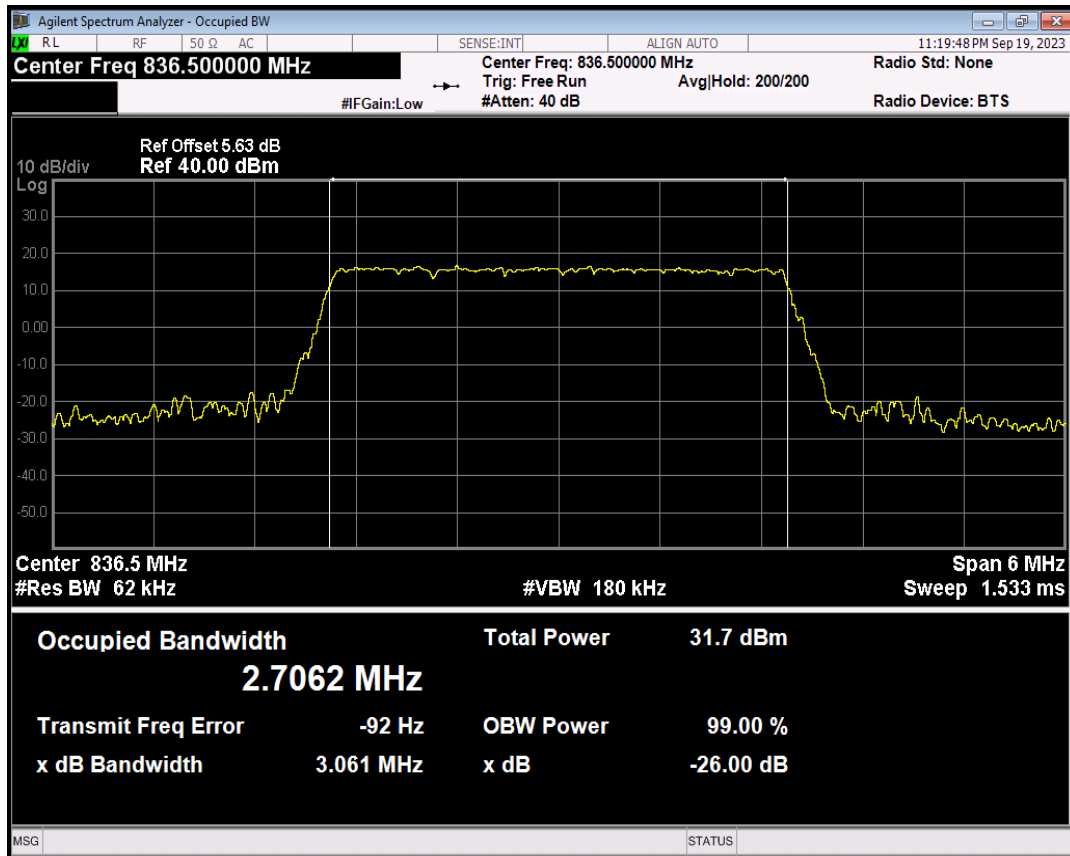




Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0

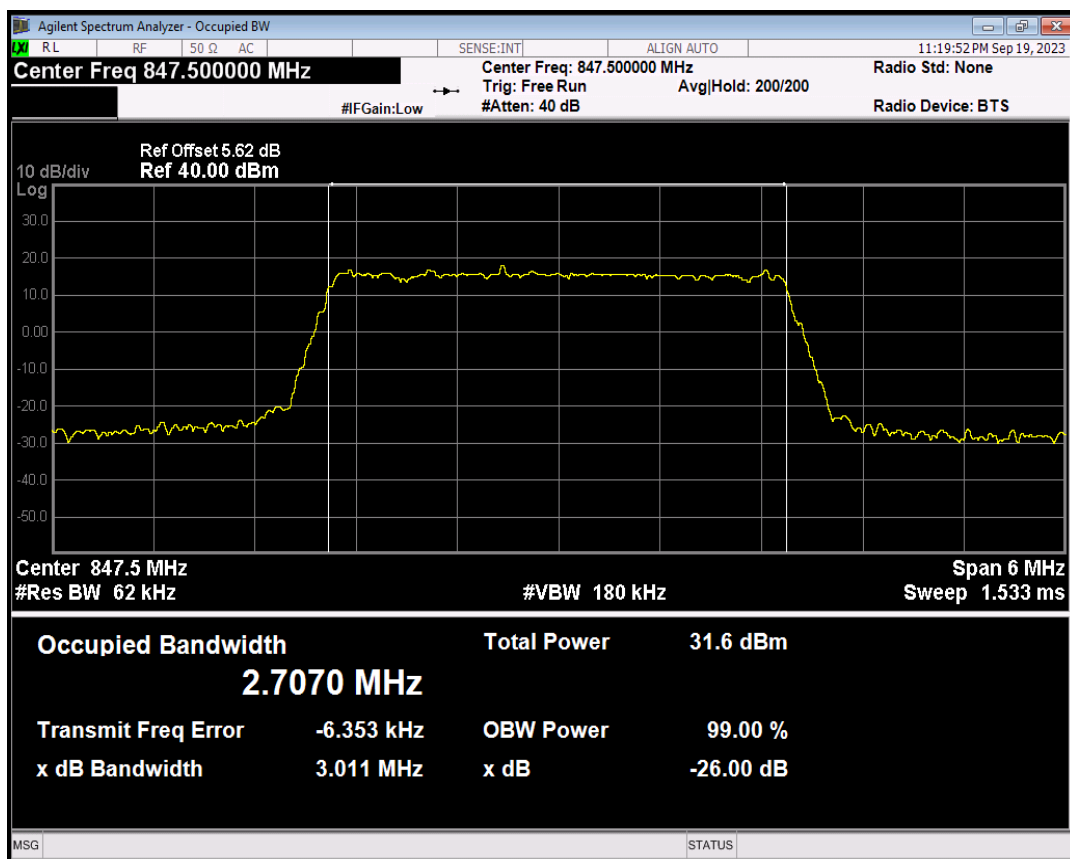


Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0

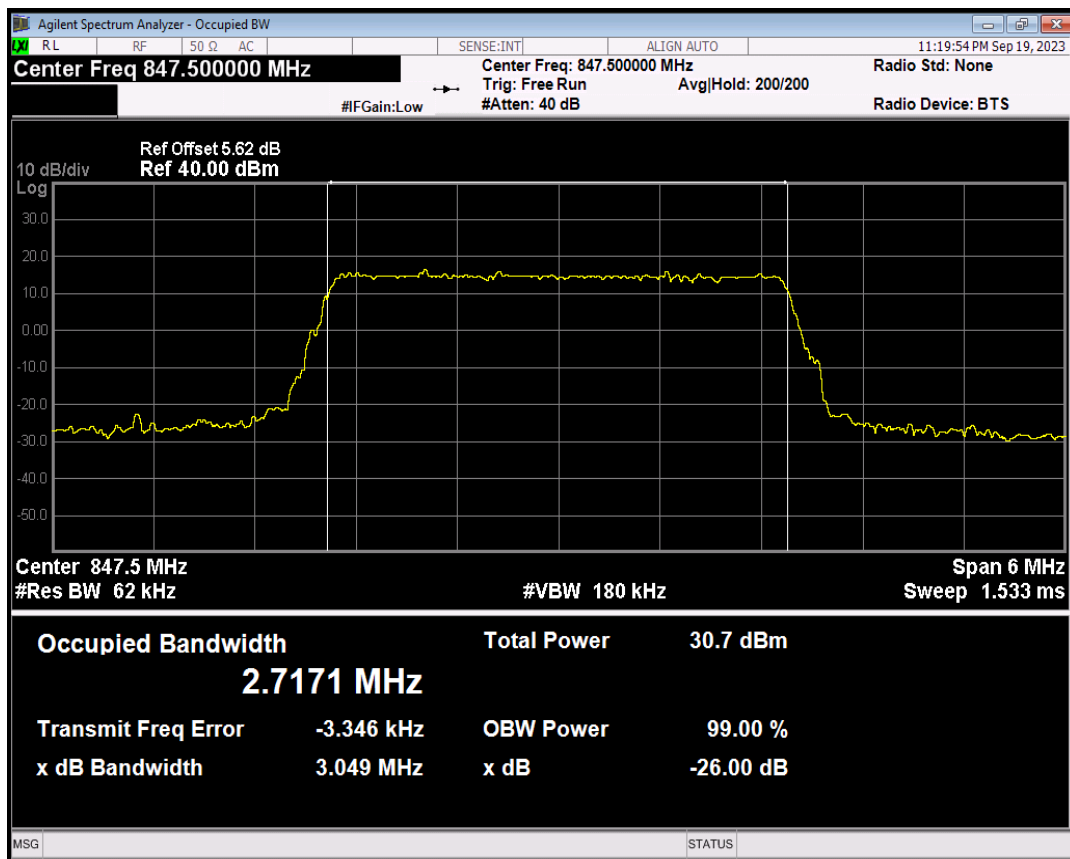




Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

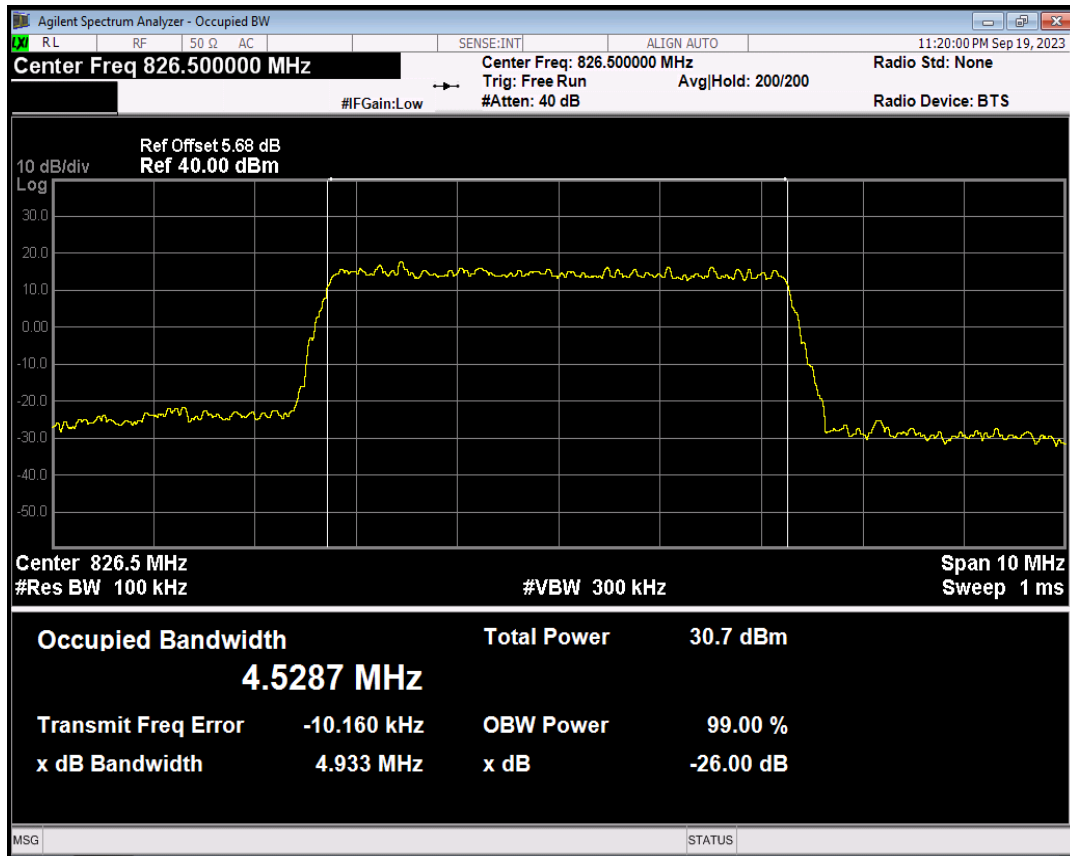


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

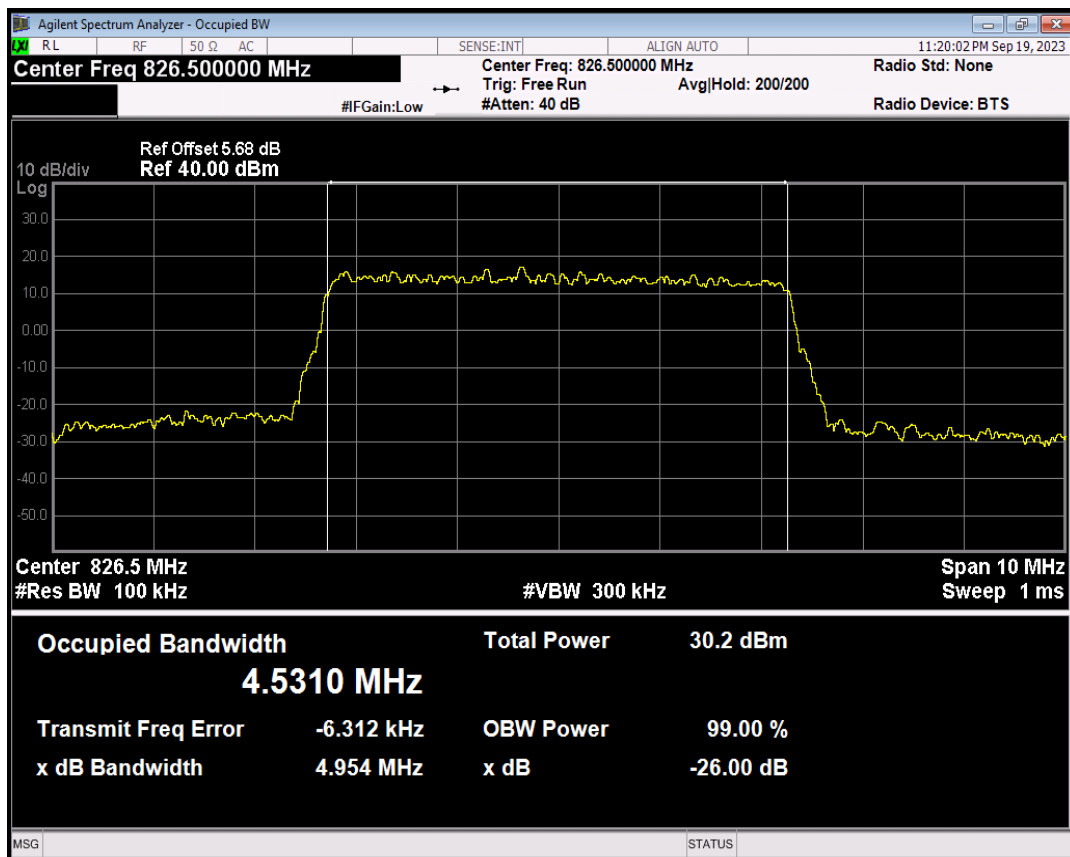




Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

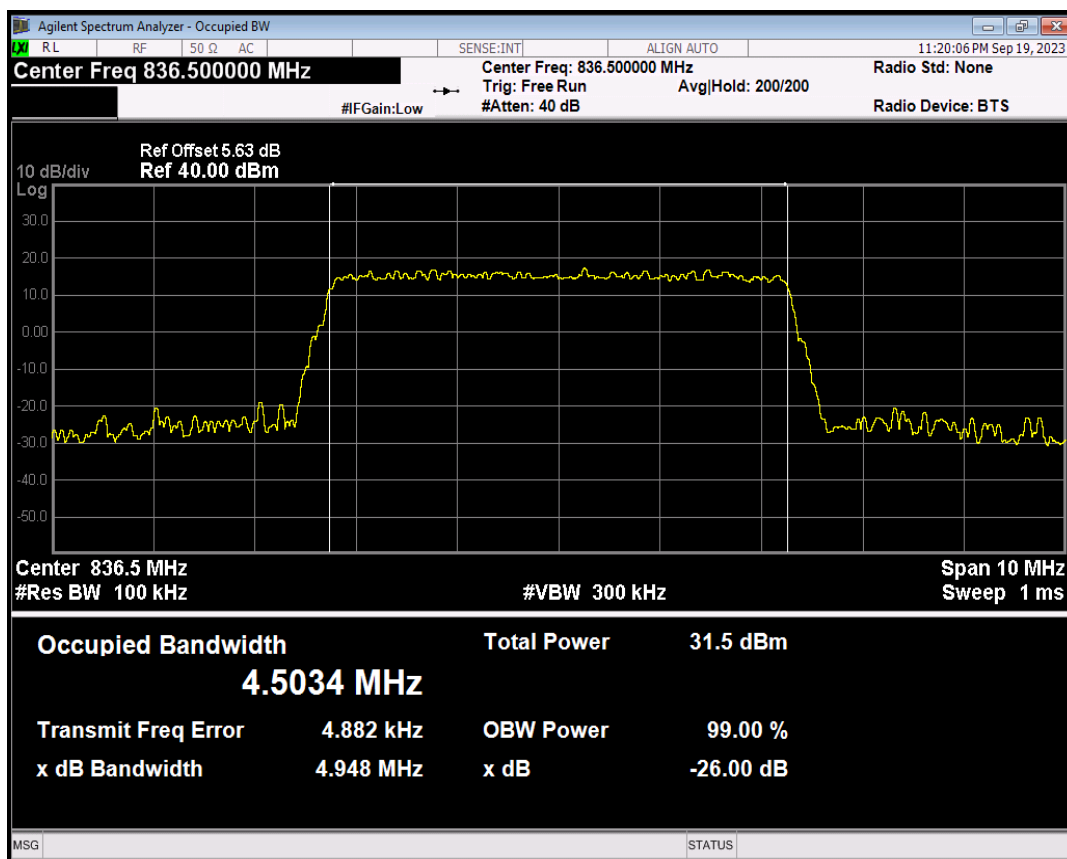


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0

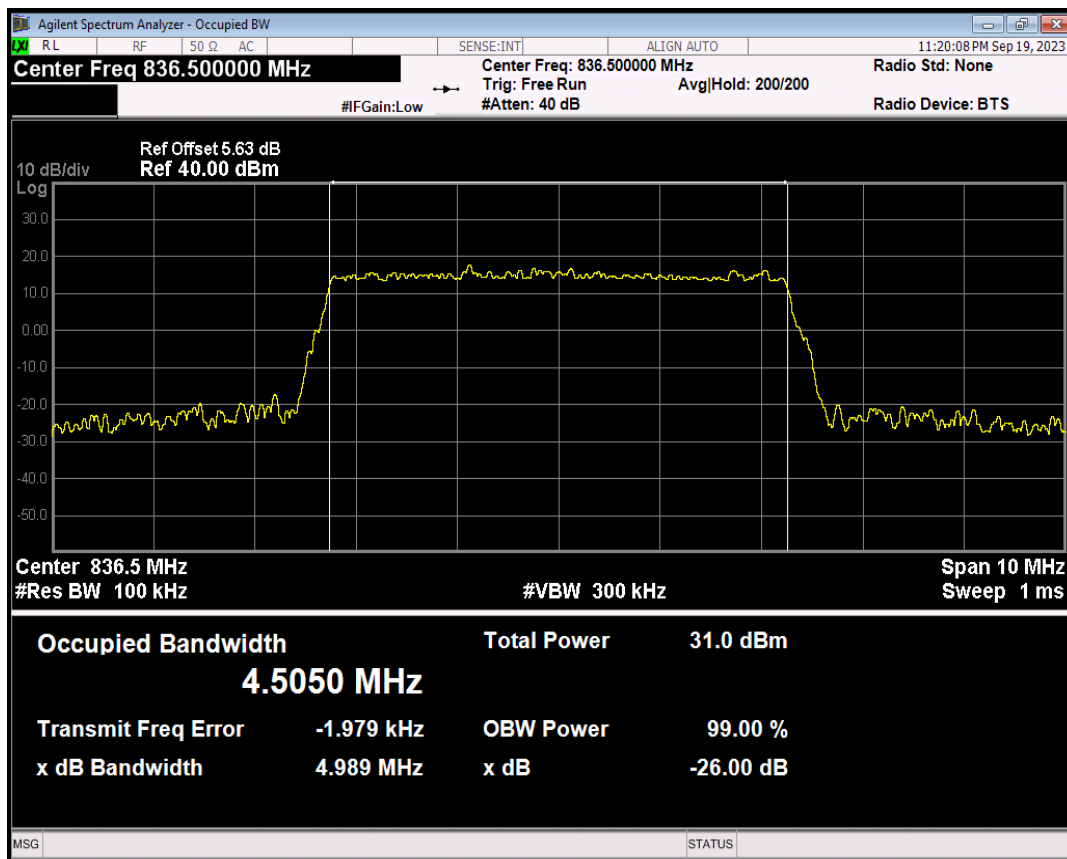




Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0

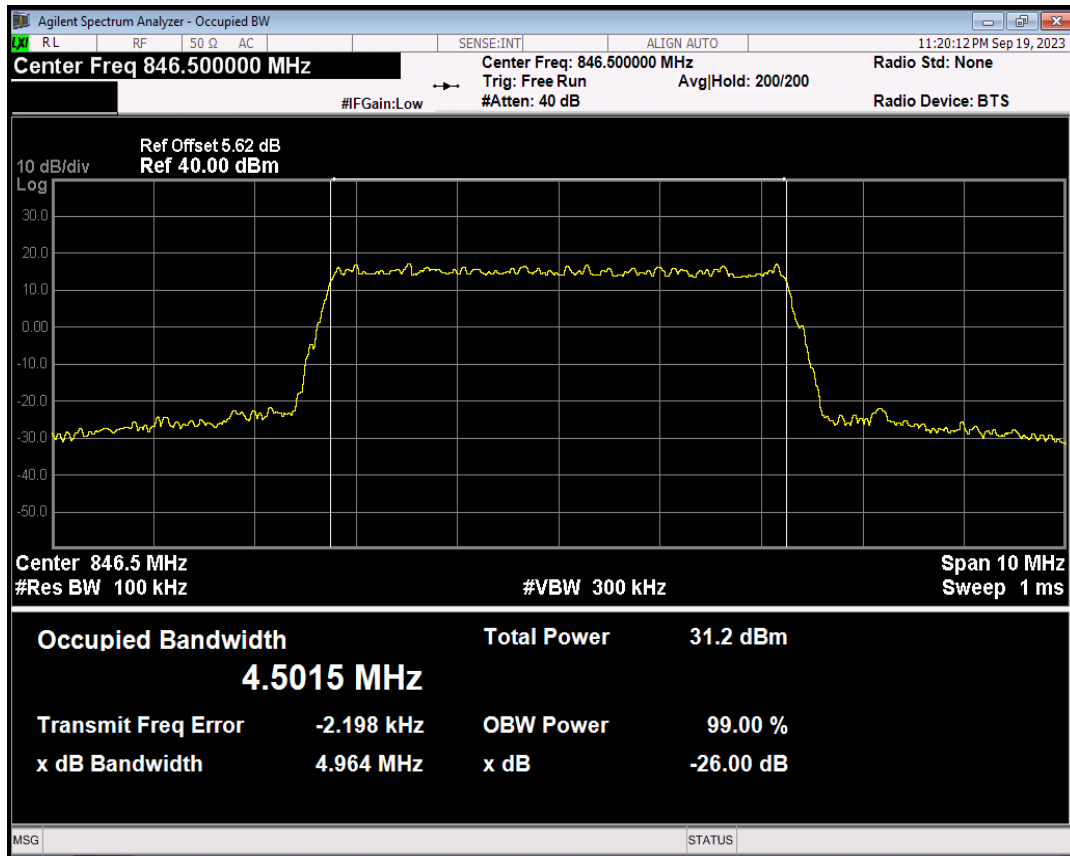


Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0

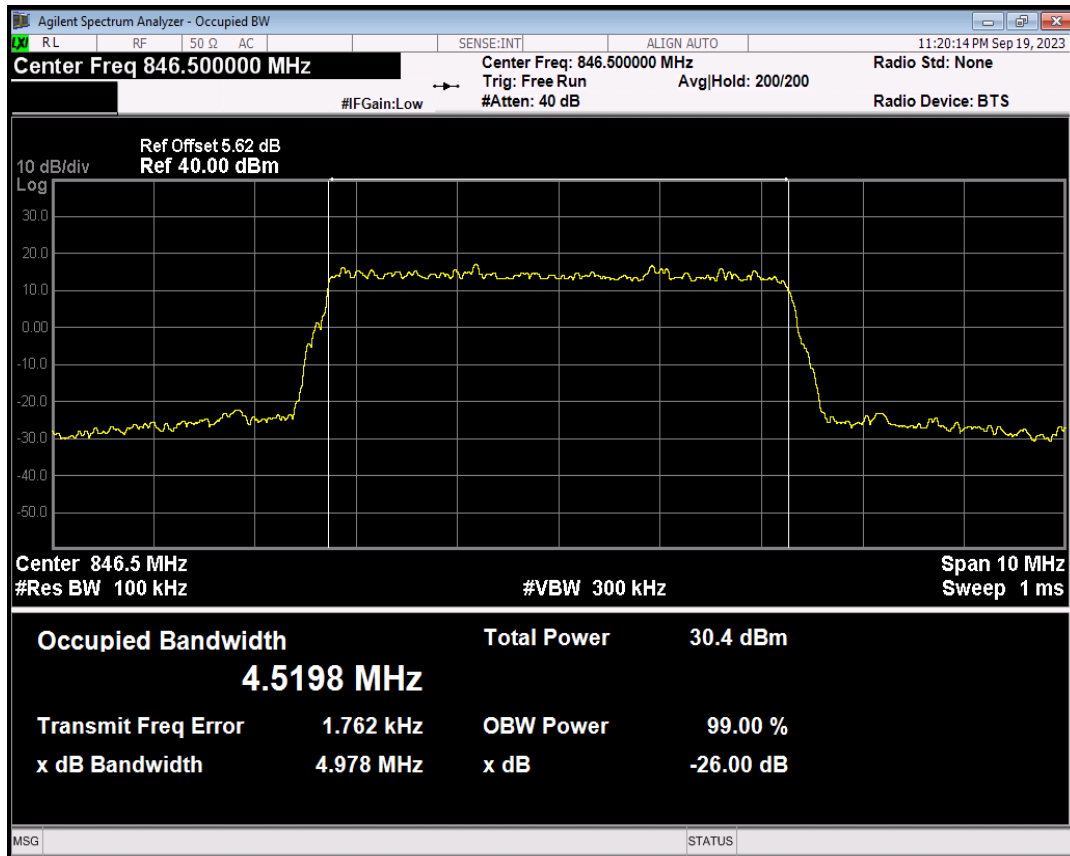




Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

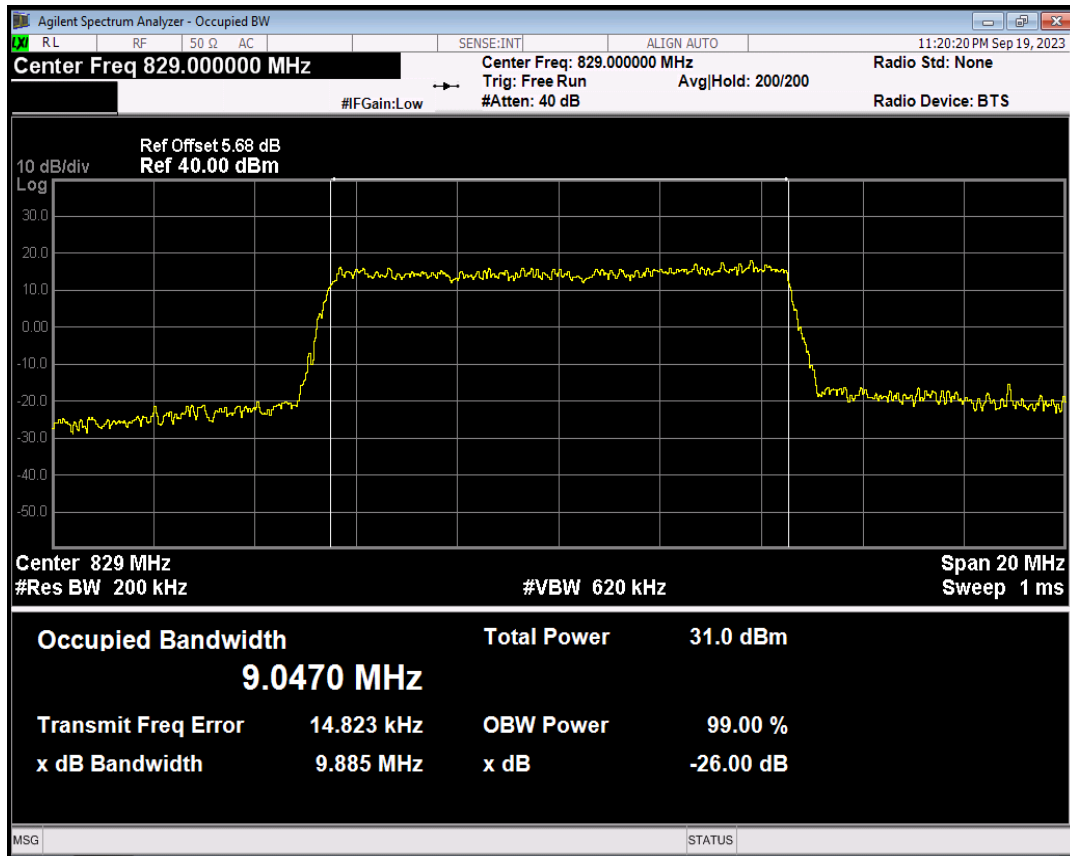


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

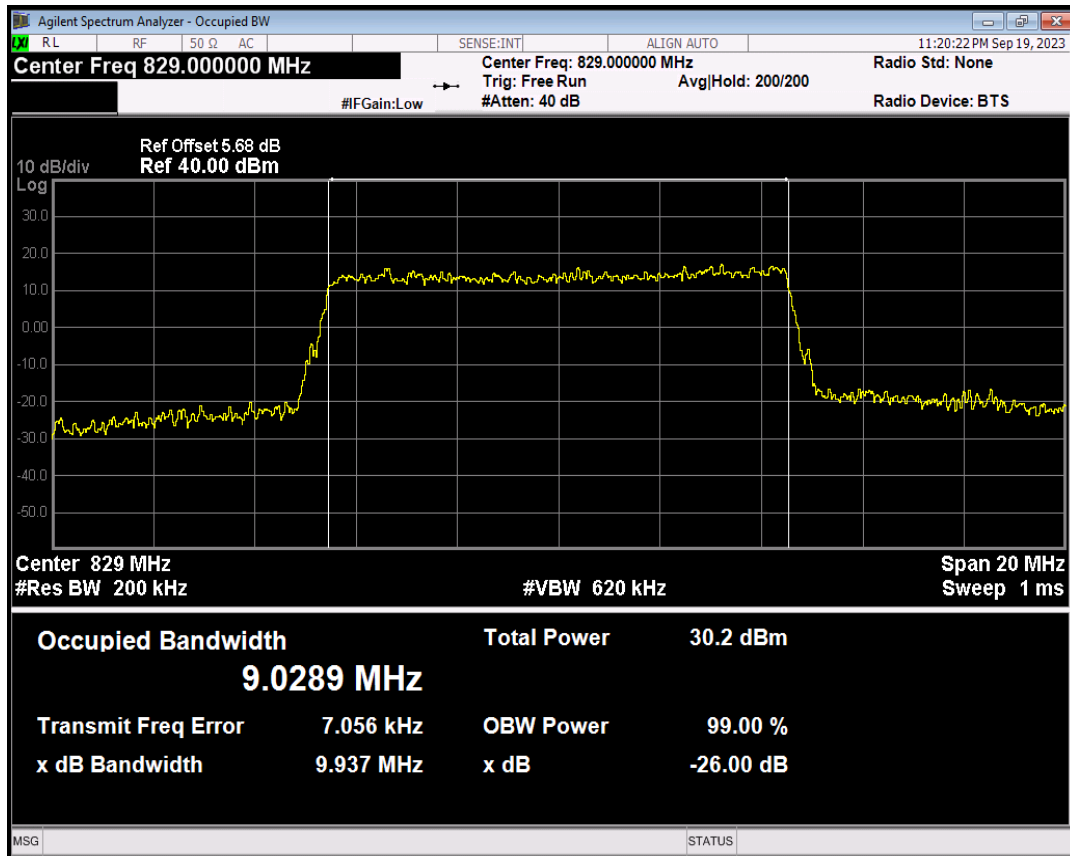




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0

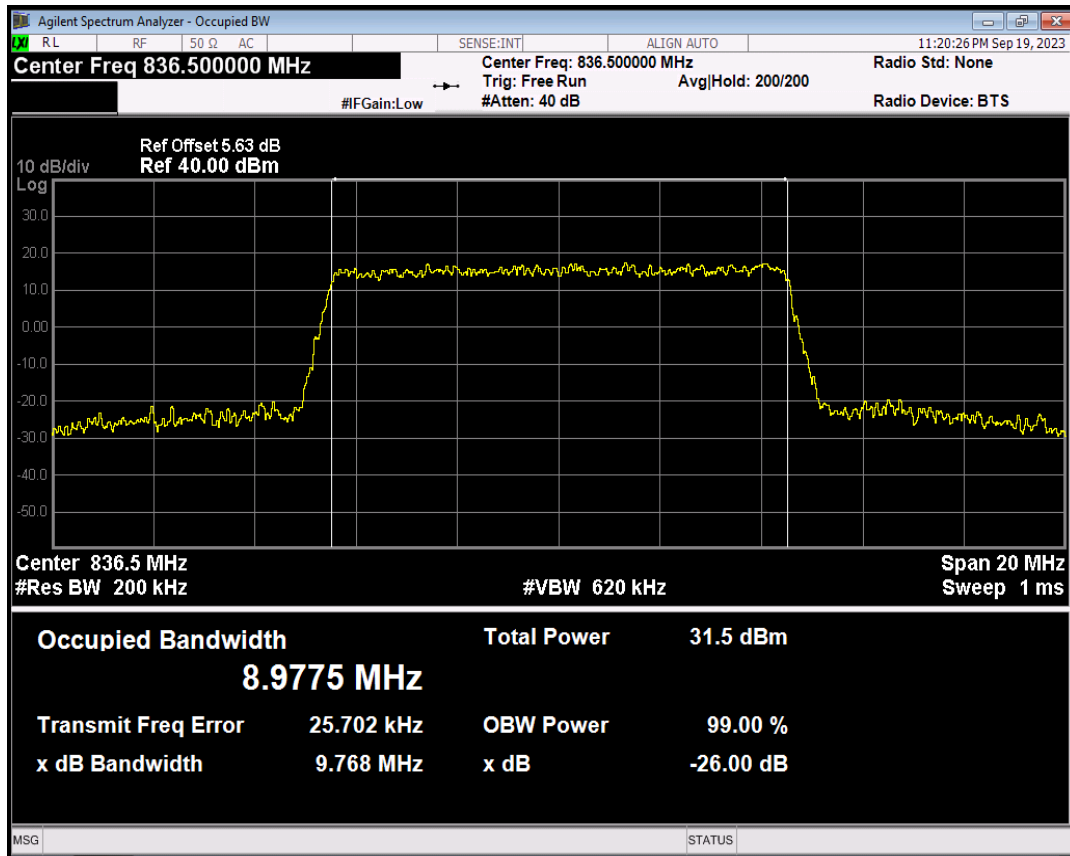


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0

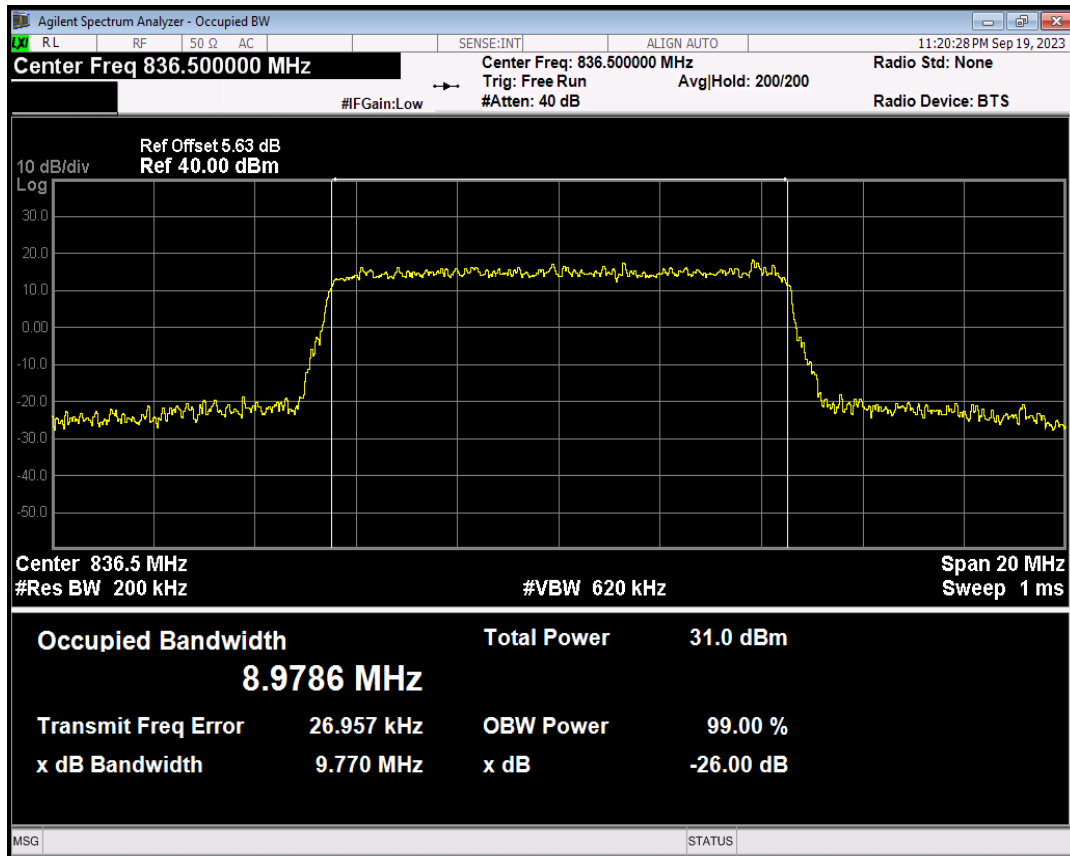




Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0

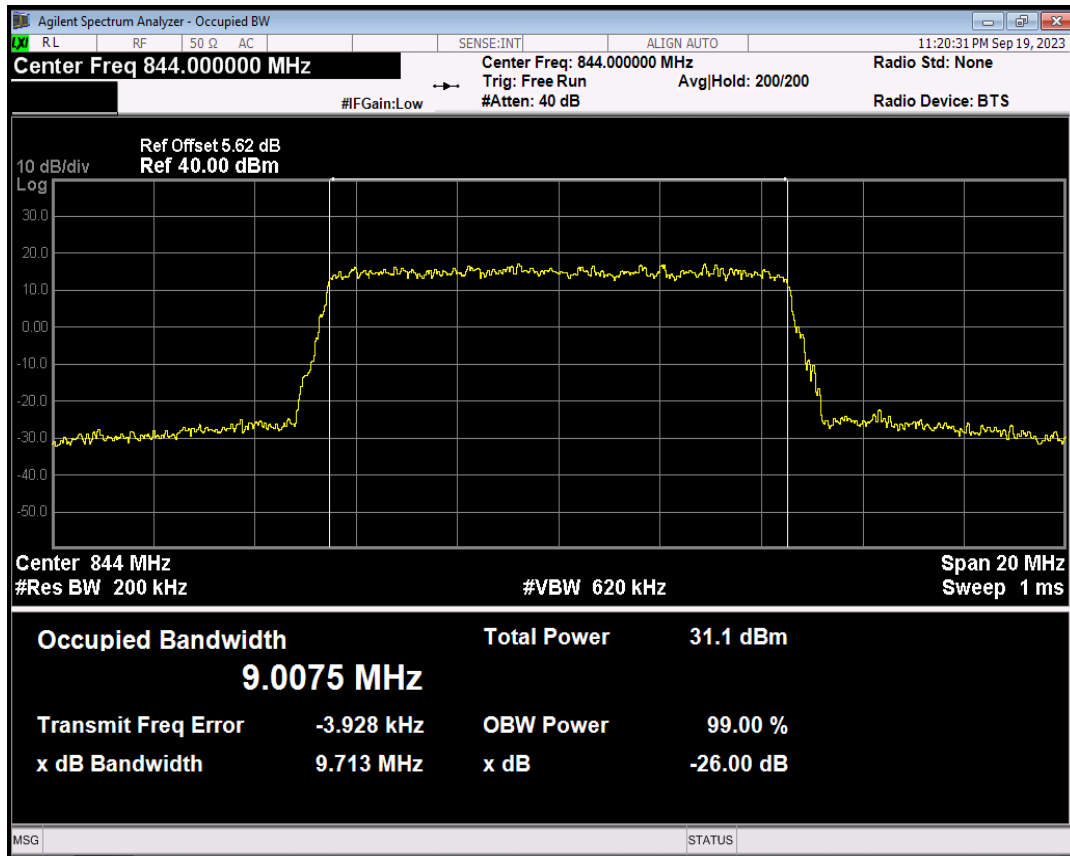


Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0

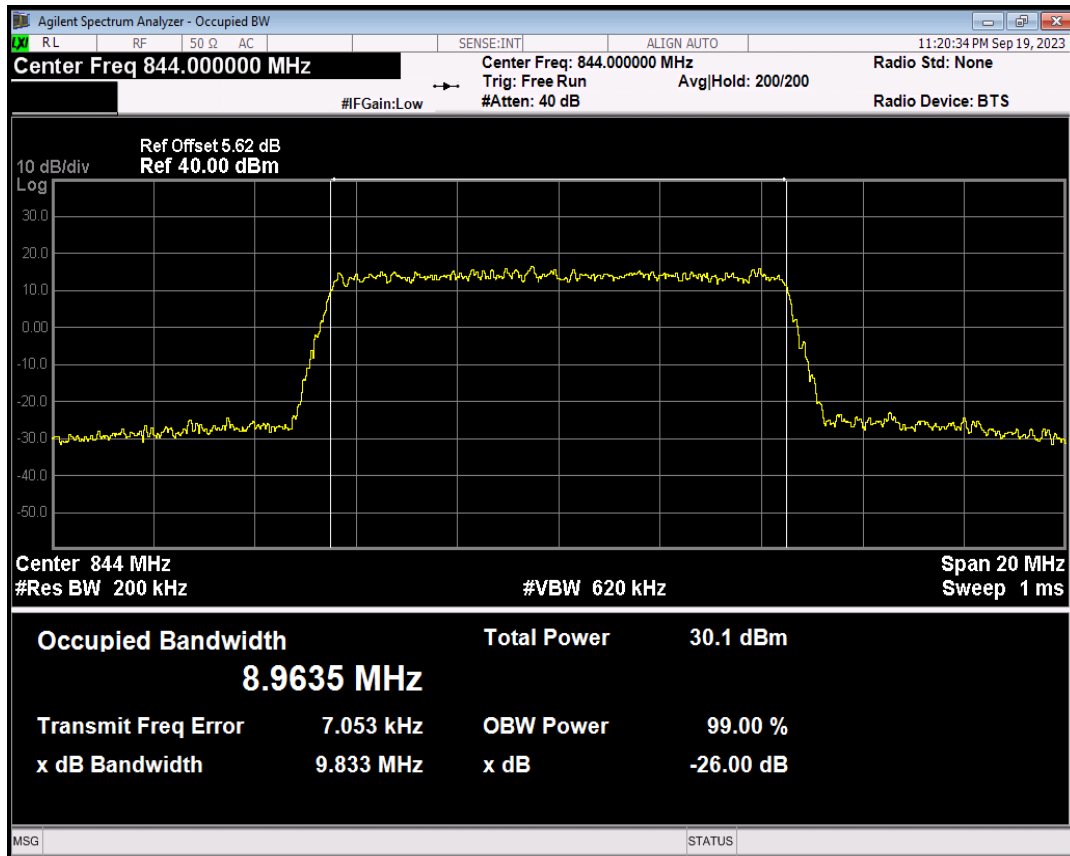




Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0

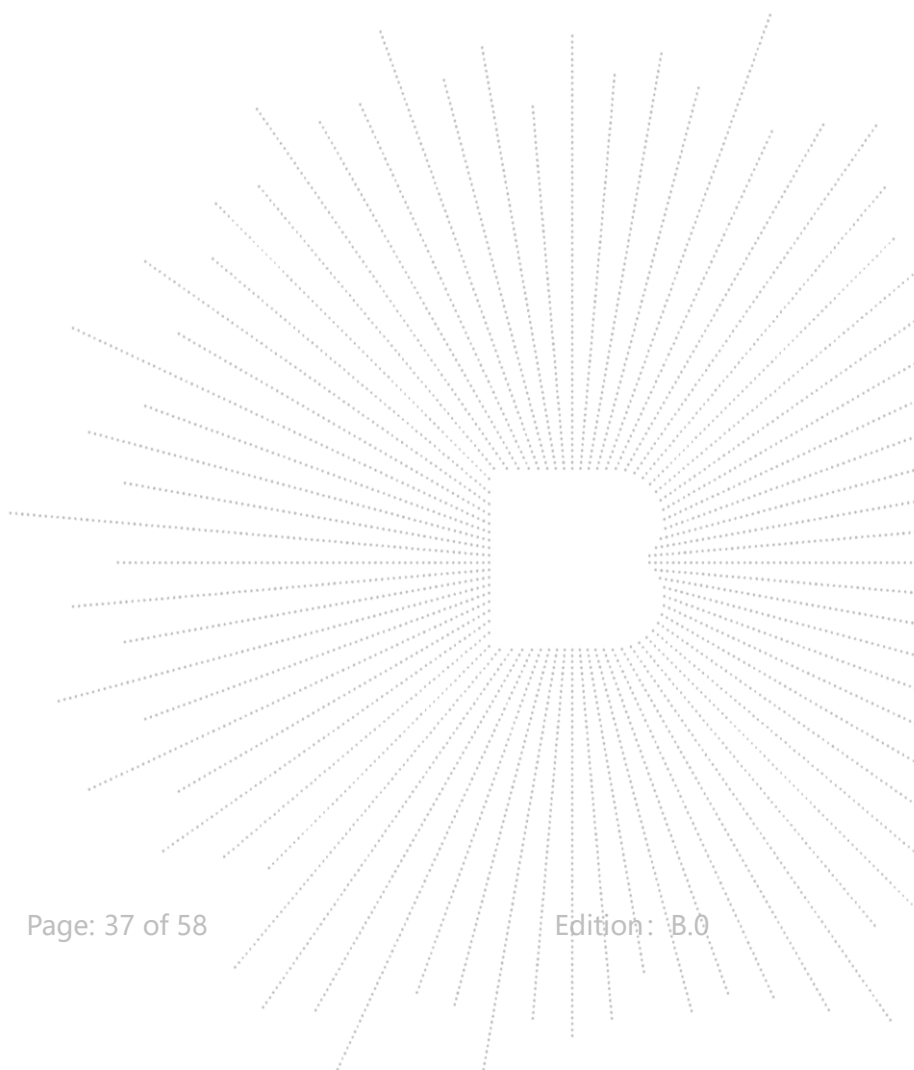


Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



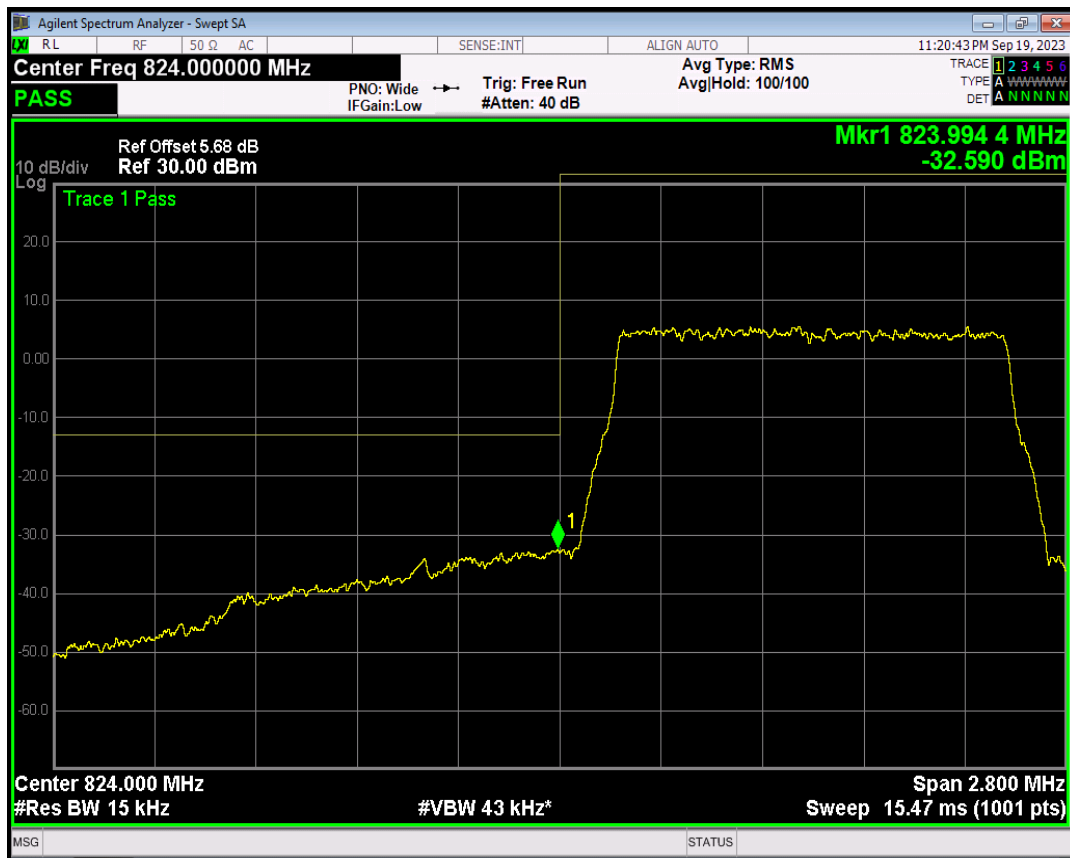
Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	823.99	-32.59	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.96	-32.47	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.03	-36.36	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.03	-34.96	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-24.30	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-25.50	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-24.83	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-25.53	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-31.07	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-28.35	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-29.02	-13	PASS
Band5	5	20625	25	#0	16QAM	849.01	-31.96	-13	PASS
Band5	10	20450	50	#0	QPSK	823.98	-30.58	-13	PASS
Band5	10	20450	50	#0	16QAM	823.92	-32.57	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-33.17	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-33.48	-13	PASS





Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0





Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

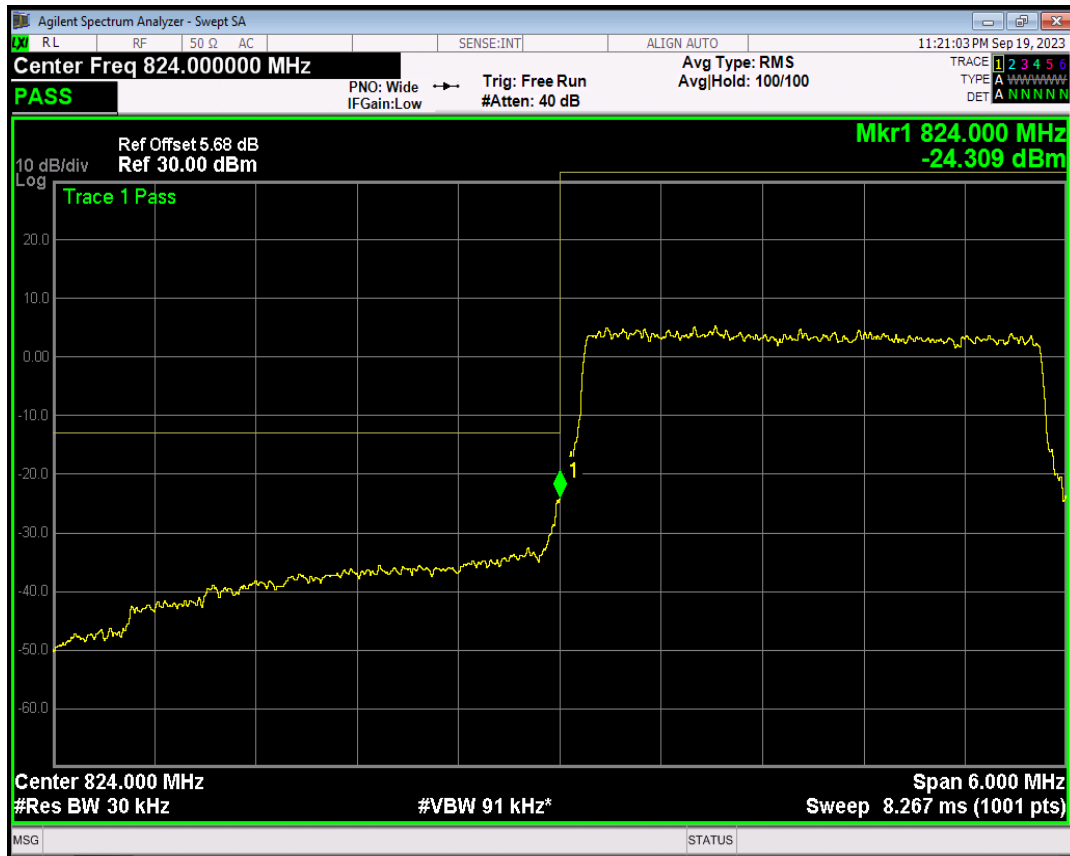


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

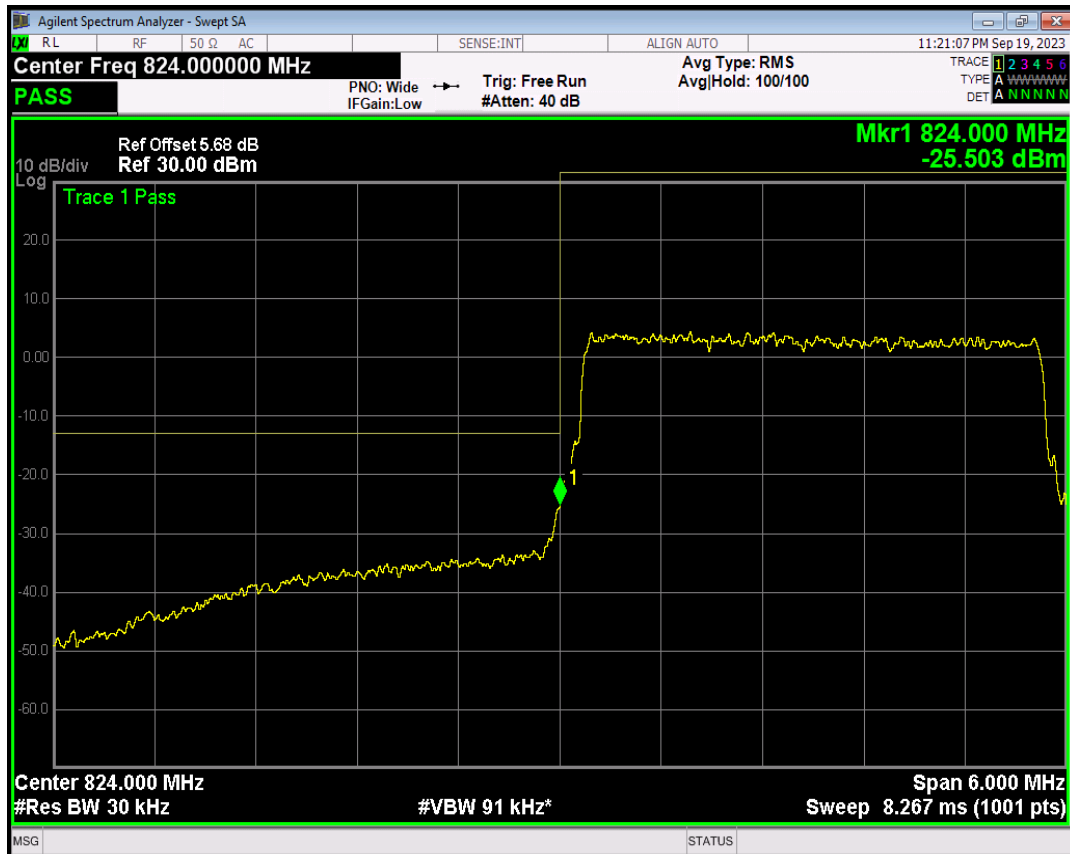




Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

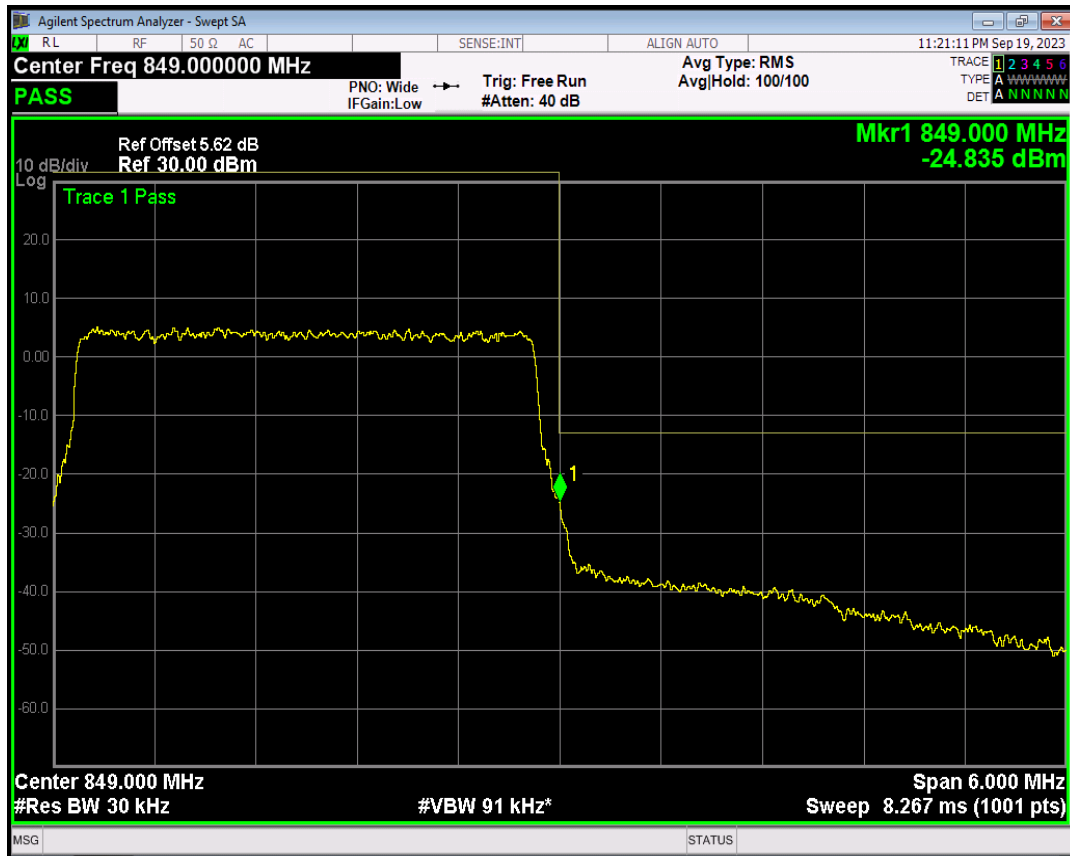


Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

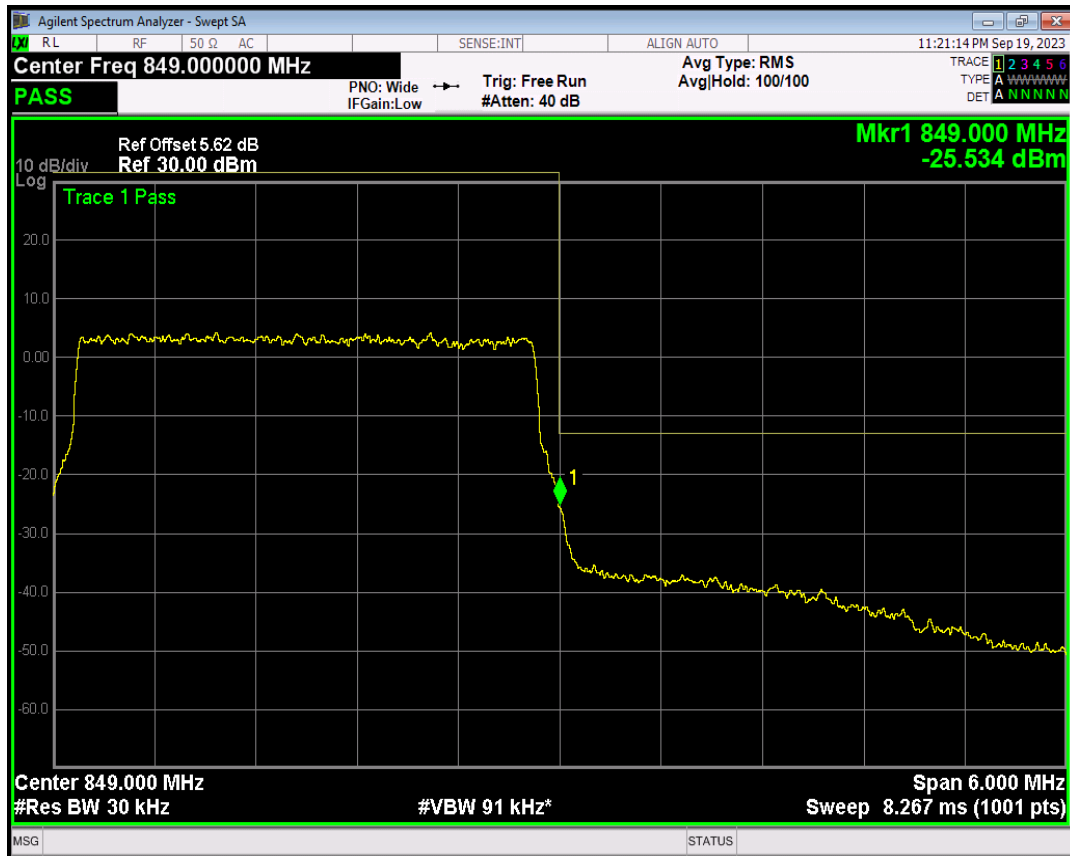




Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

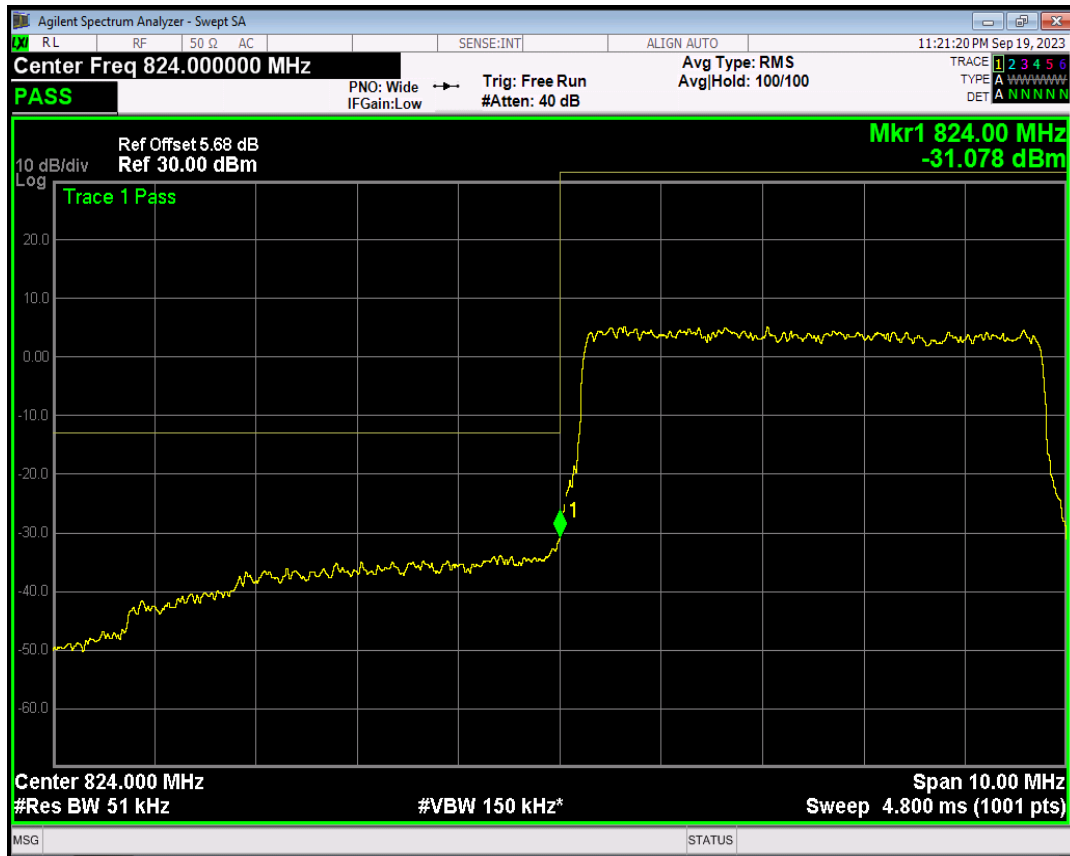


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

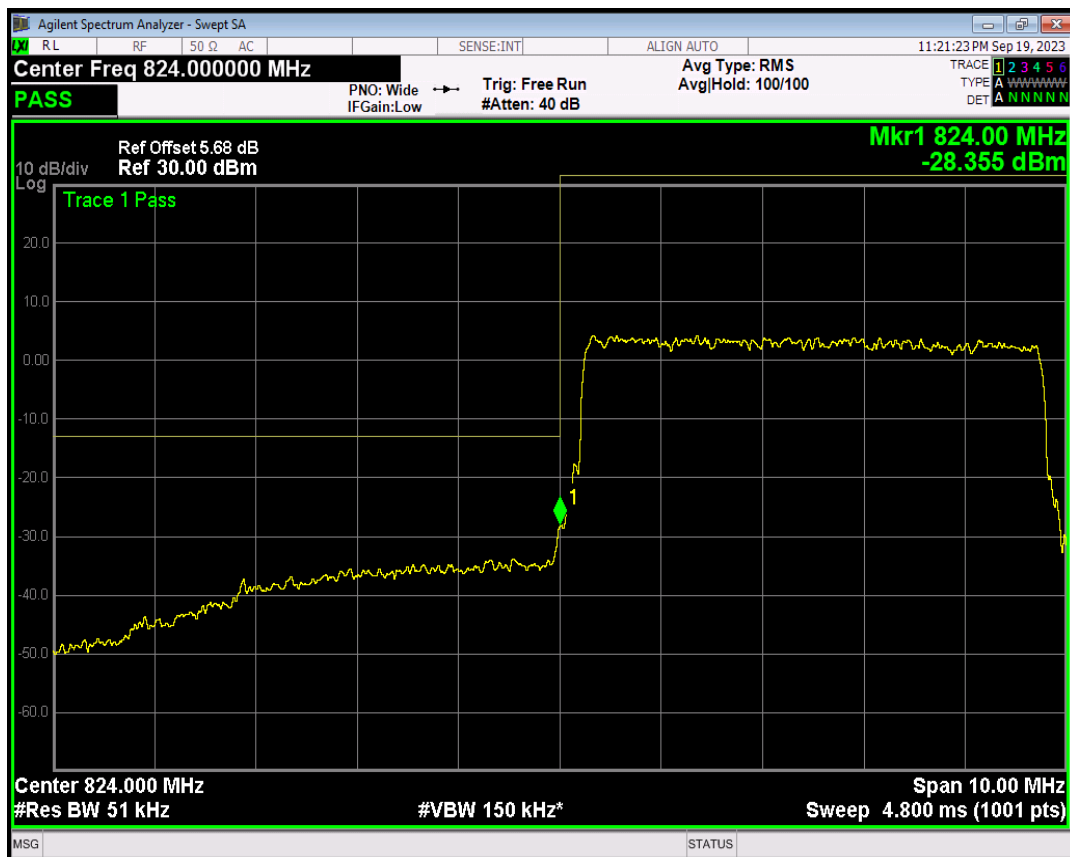




Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0





Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

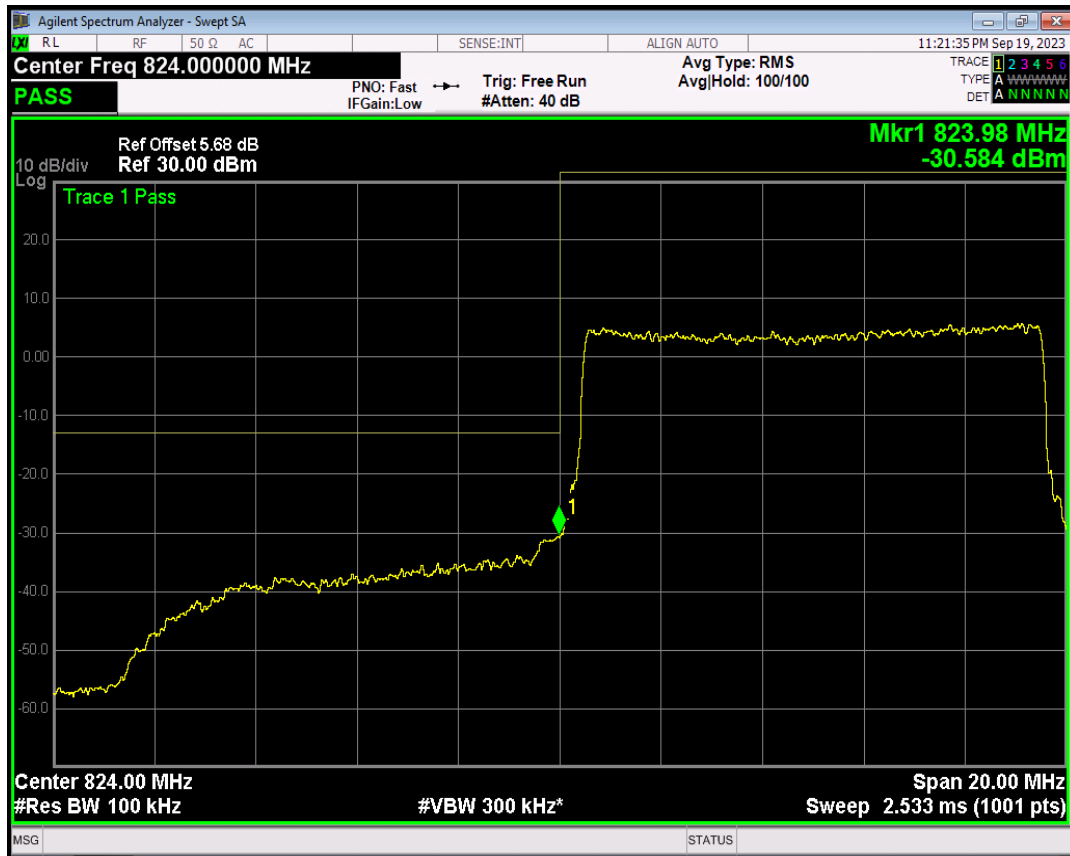


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

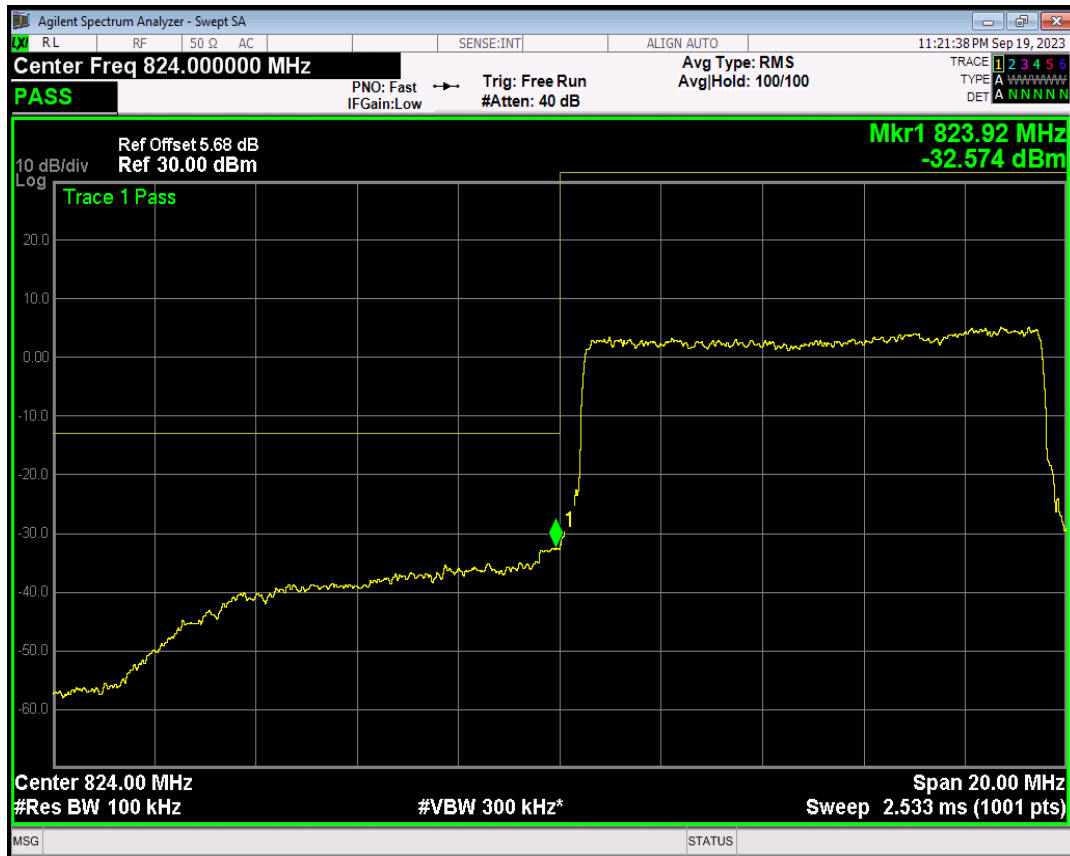




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0





Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



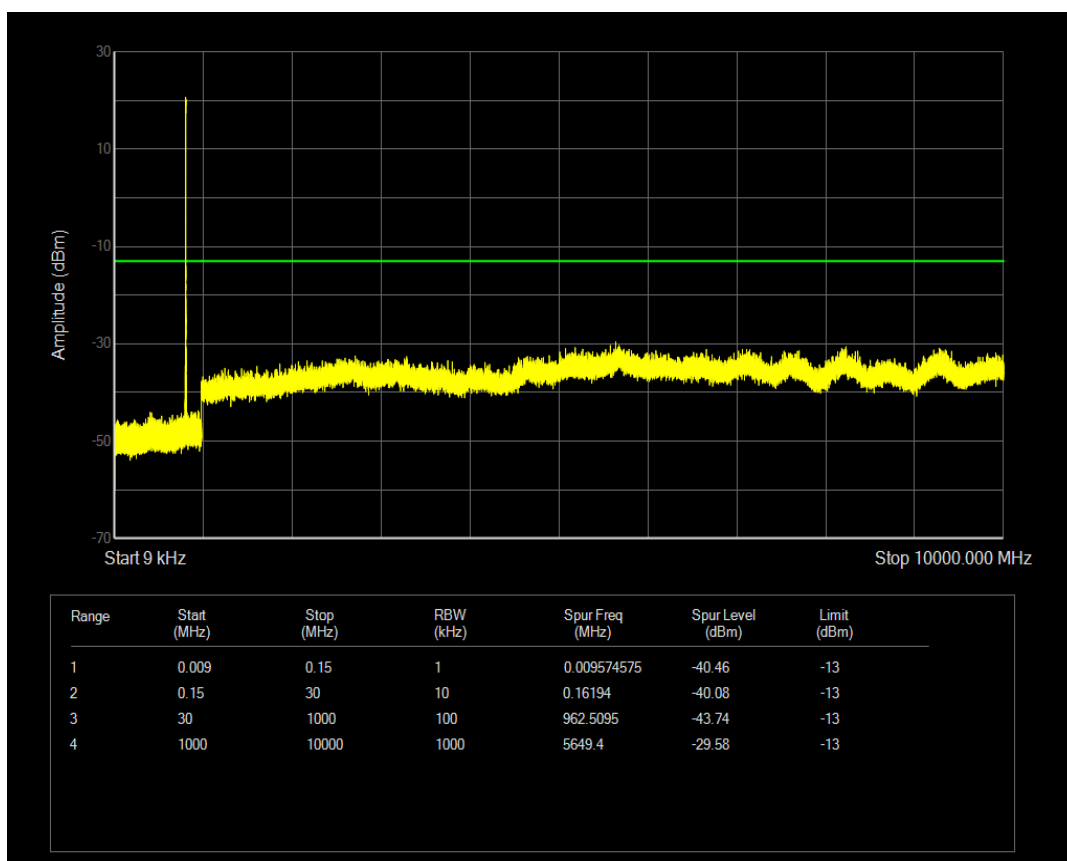
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



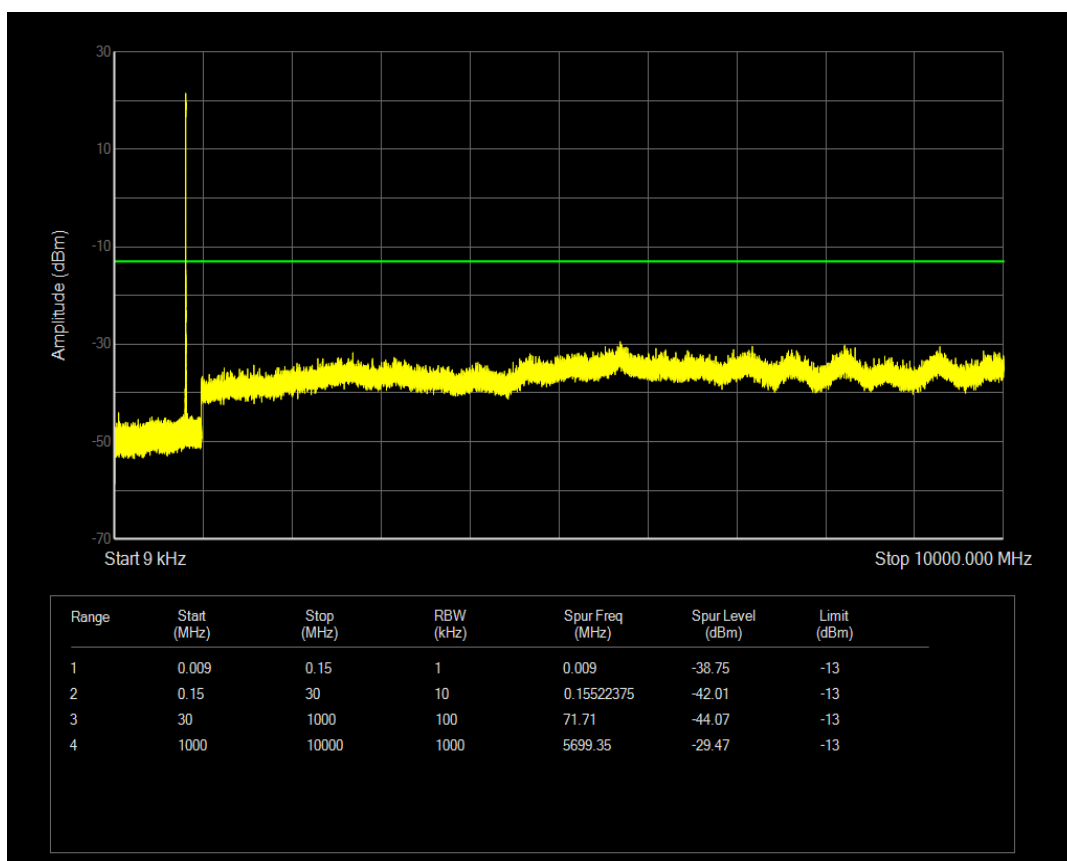
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	5649.40	-29.58	-13	PASS
Band5	1.4	20407	6	#0	16QAM	5699.35	-29.47	-13	PASS
Band5	1.4	20525	6	#0	QPSK	5666.28	-29.29	-13	PASS
Band5	1.4	20525	6	#0	16QAM	5735.58	-29.75	-13	PASS
Band5	1.4	20643	6	#0	QPSK	5690.80	-29.08	-13	PASS
Band5	1.4	20643	6	#0	16QAM	9795.03	-29.71	-13	PASS
Band5	3	20415	15	#0	QPSK	5841.78	-30.30	-13	PASS
Band5	3	20415	15	#0	16QAM	5606.20	-30.31	-13	PASS
Band5	3	20525	15	#0	QPSK	5648.05	-29.18	-13	PASS
Band5	3	20525	15	#0	16QAM	5717.13	-29.57	-13	PASS
Band5	3	20635	15	#0	QPSK	5415.40	-30.44	-13	PASS
Band5	3	20635	15	#0	16QAM	8206.30	-30.21	-13	PASS
Band5	5	20425	25	#0	QPSK	5671.68	-30.21	-13	PASS
Band5	5	20425	25	#0	16QAM	5701.15	-29.73	-13	PASS
Band5	5	20525	25	#0	QPSK	5681.35	-29.44	-13	PASS
Band5	5	20525	25	#0	16QAM	5787.33	-29.69	-13	PASS
Band5	5	20625	25	#0	QPSK	5694.18	-29.13	-13	PASS
Band5	5	20625	25	#0	16QAM	5733.55	-29.96	-13	PASS
Band5	10	20450	50	#0	QPSK	5618.13	-29.34	-13	PASS
Band5	10	20450	50	#0	16QAM	8227.68	-28.82	-13	PASS
Band5	10	20525	50	#0	QPSK	5718.48	-29.28	-13	PASS
Band5	10	20525	50	#0	16QAM	5880.25	-29.47	-13	PASS
Band5	10	20600	50	#0	QPSK	5728.60	-30.23	-13	PASS
Band5	10	20600	50	#0	16QAM	5670.55	-30.62	-13	PASS

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0

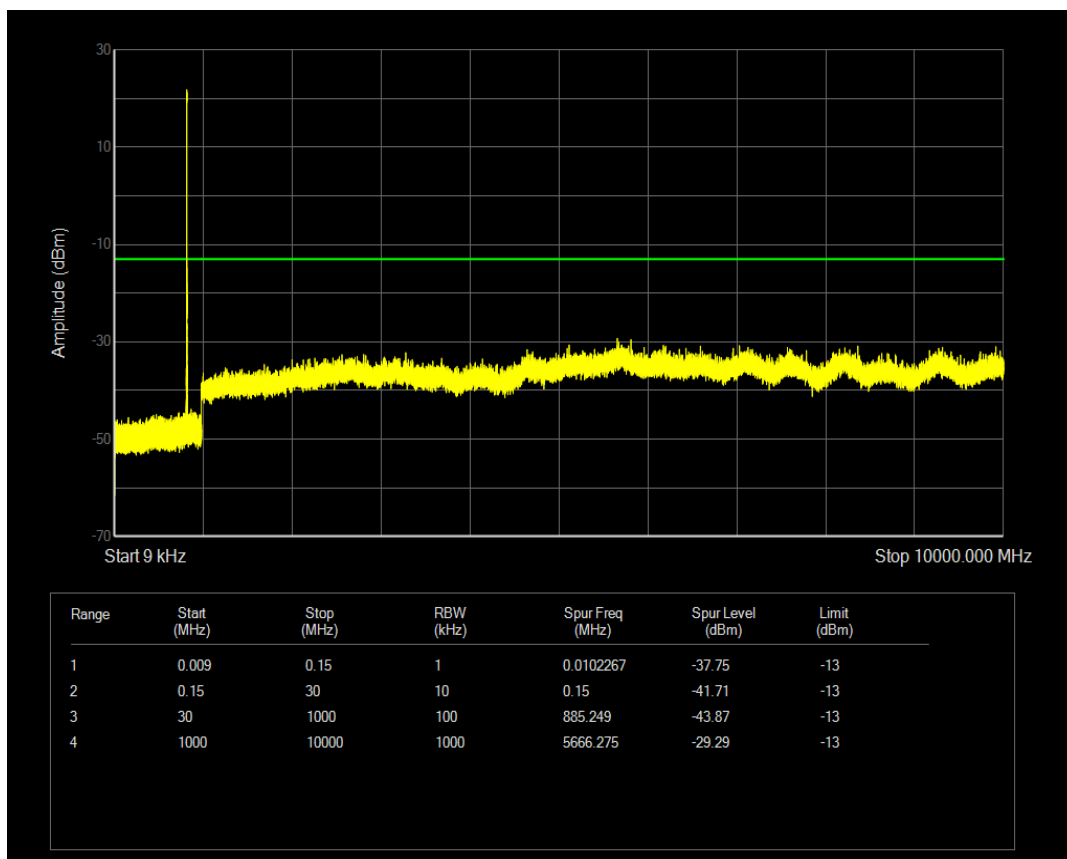


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0

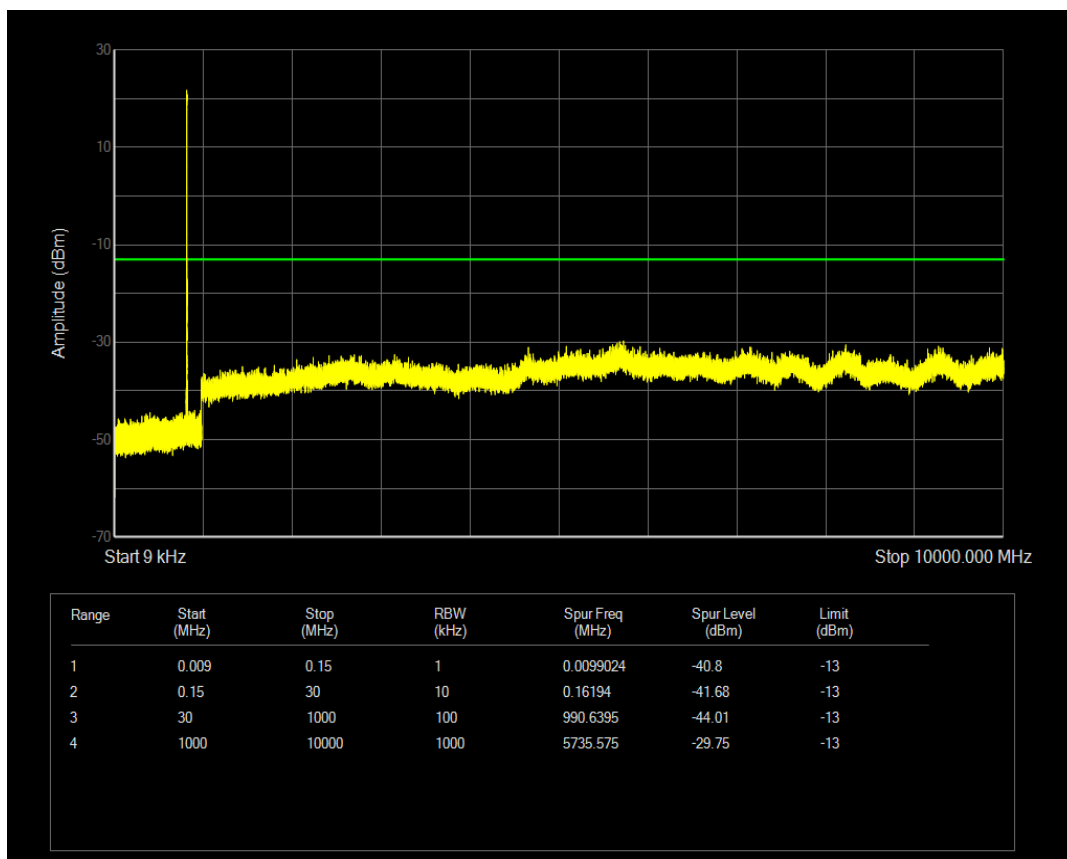




Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0

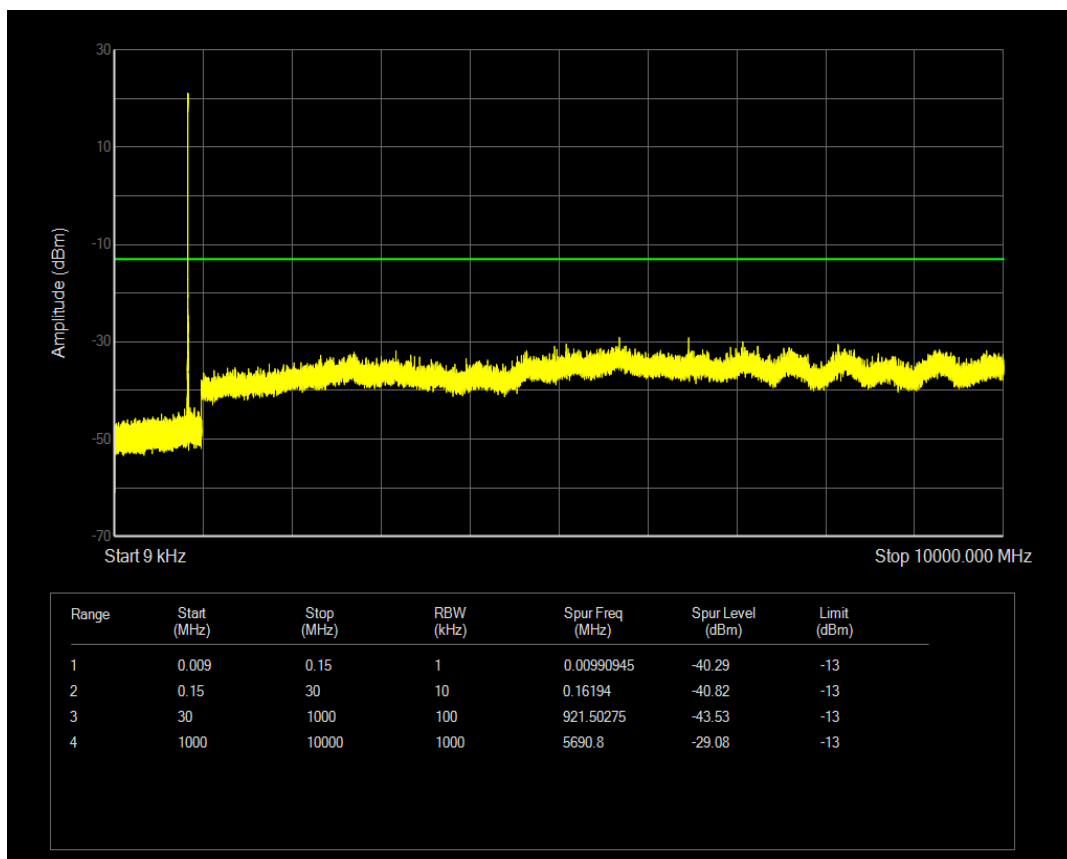


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0

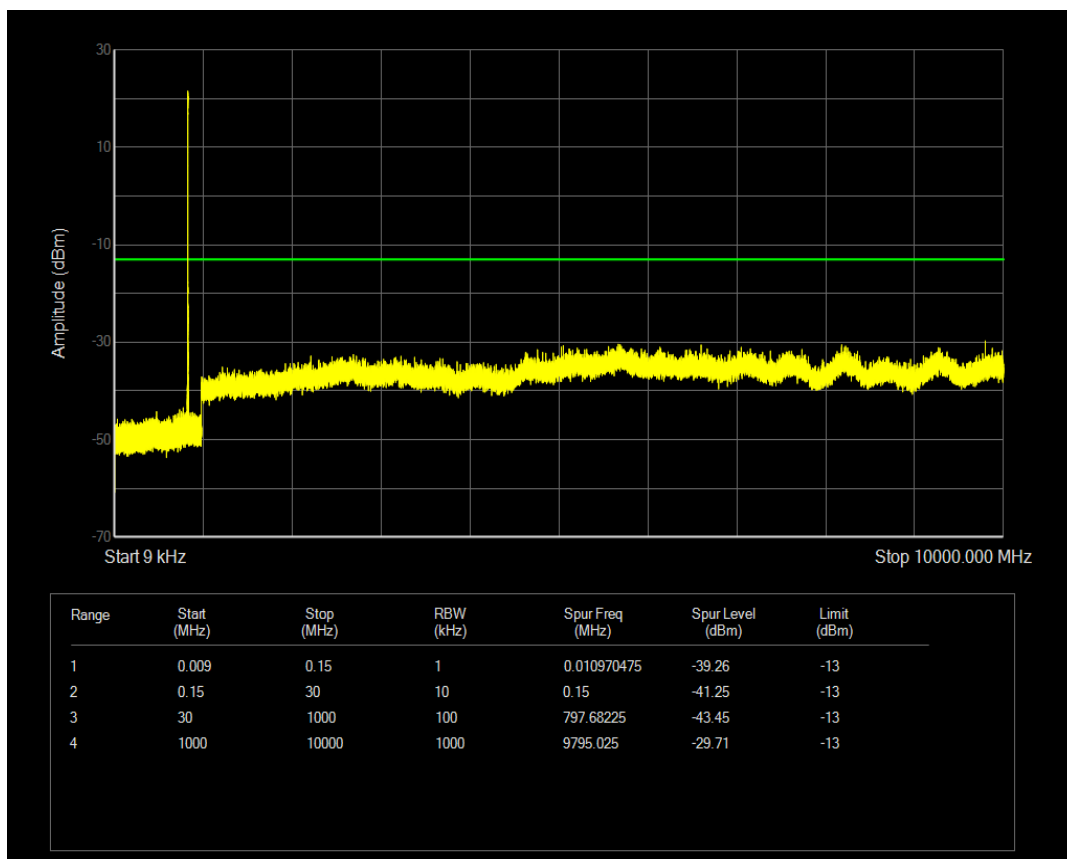




Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

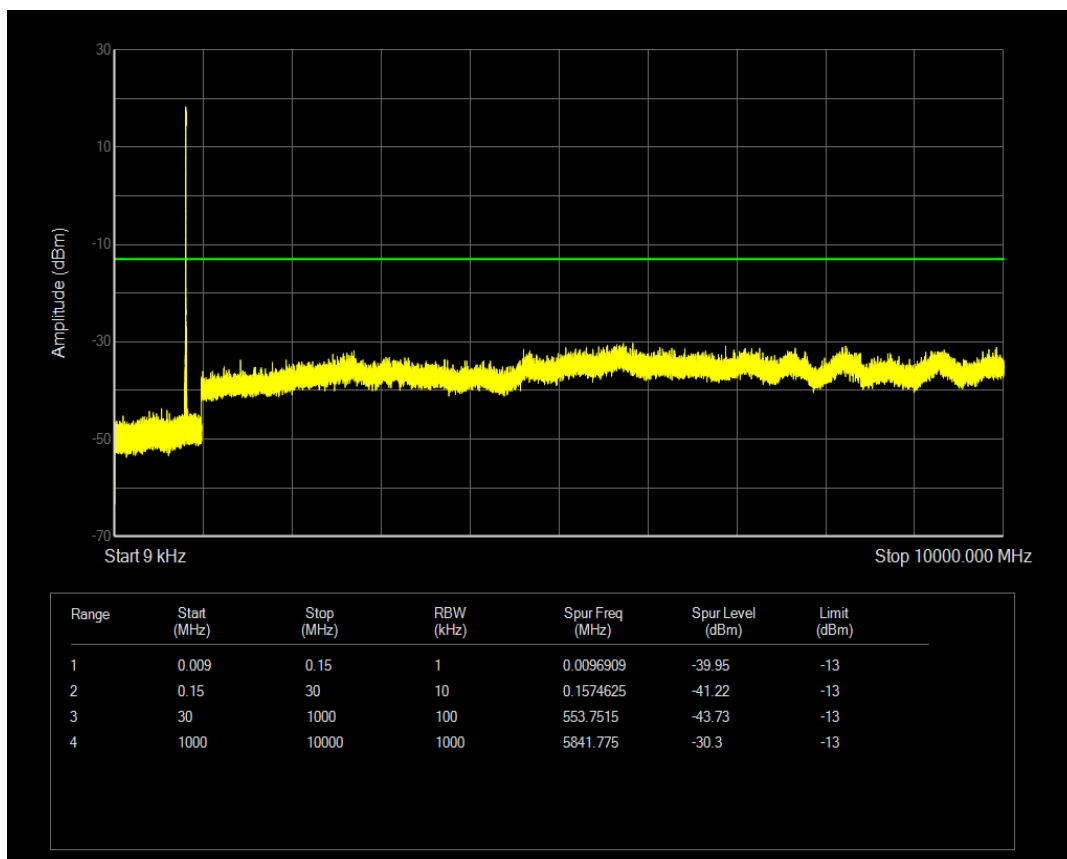


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

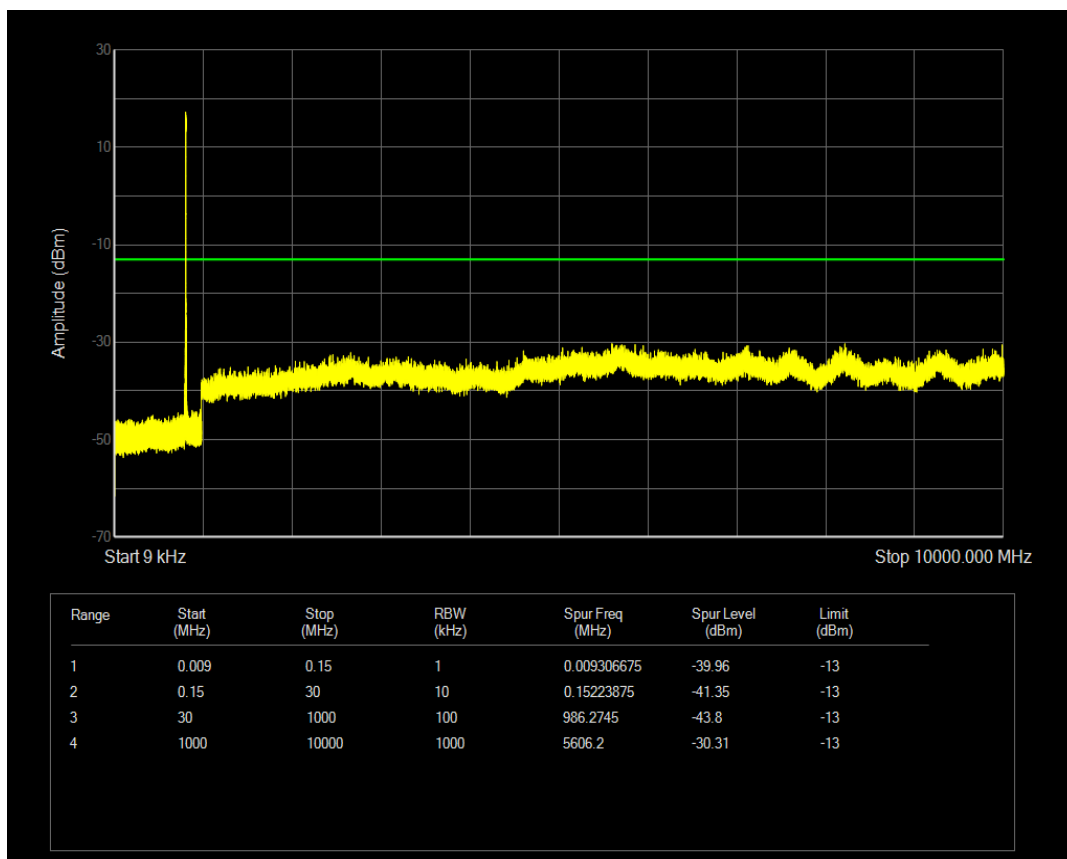




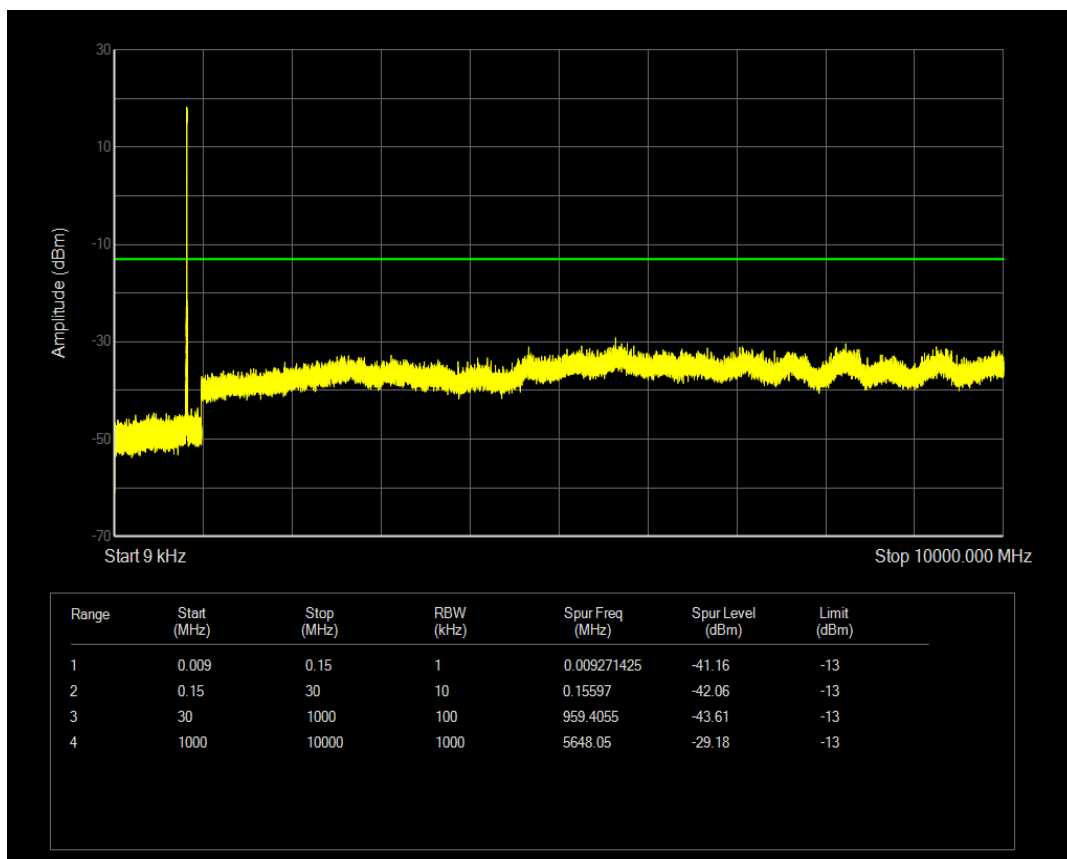
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



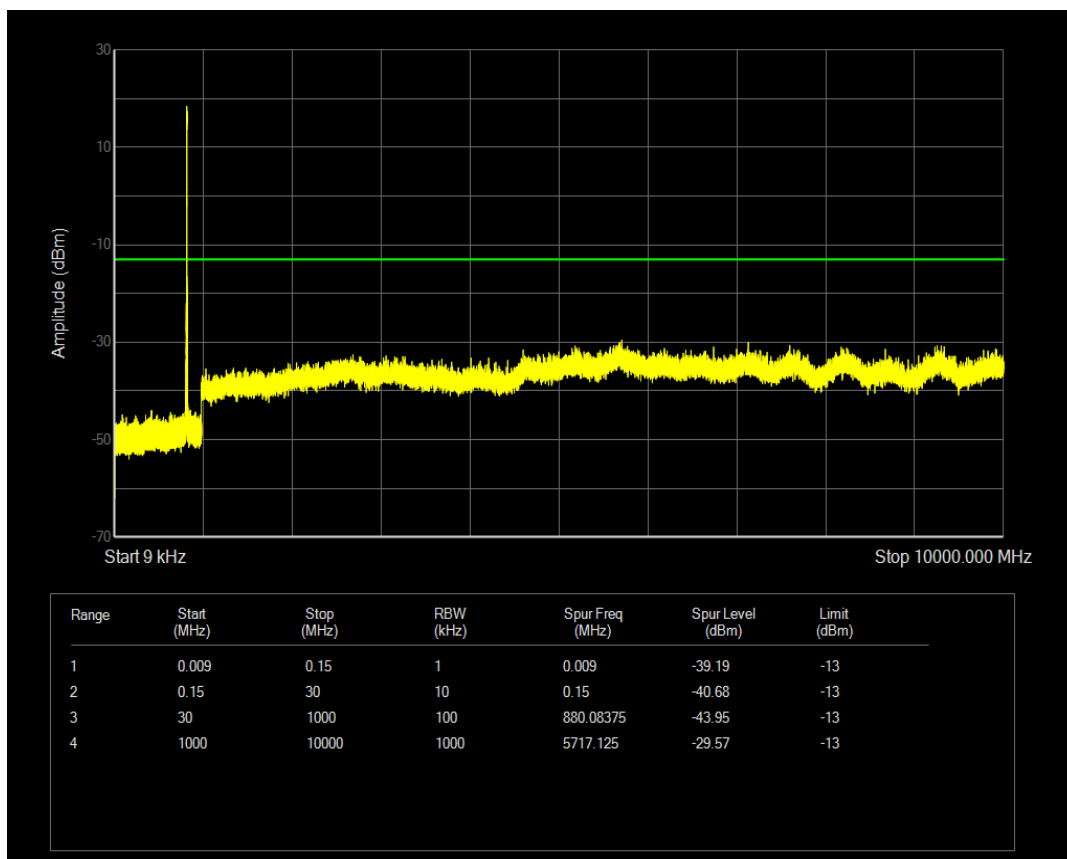
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0

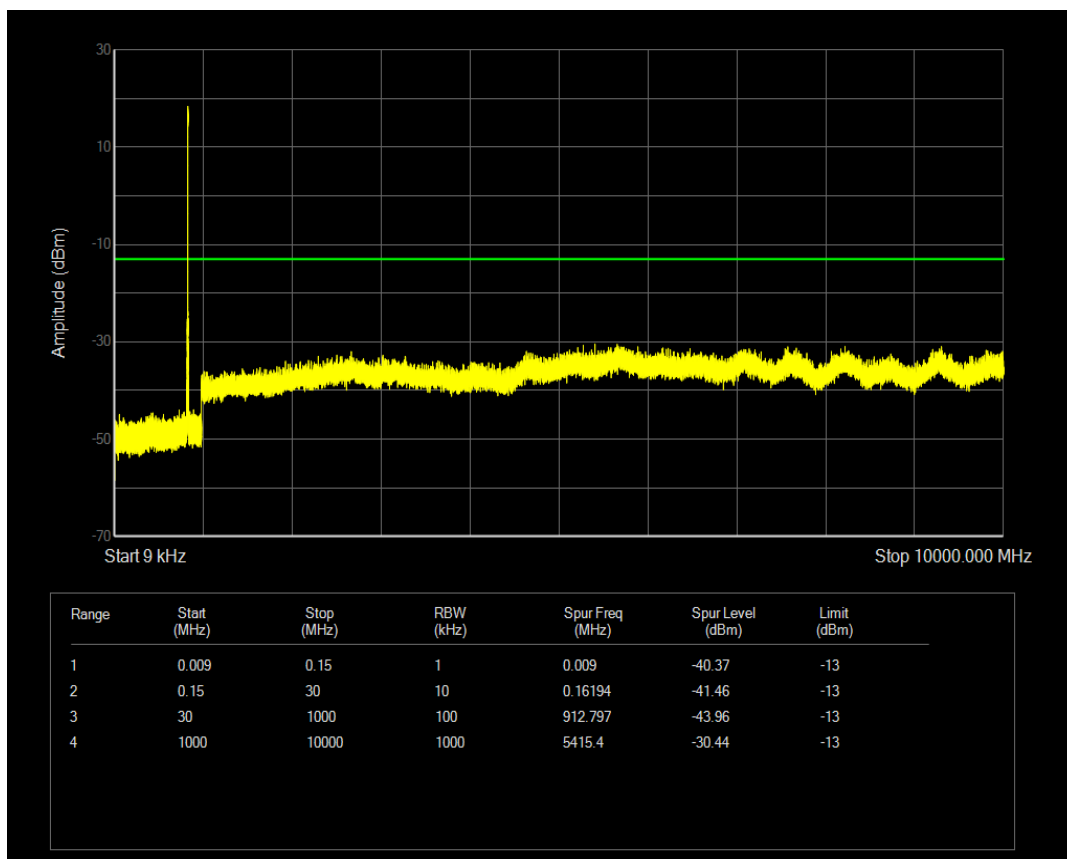


Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0

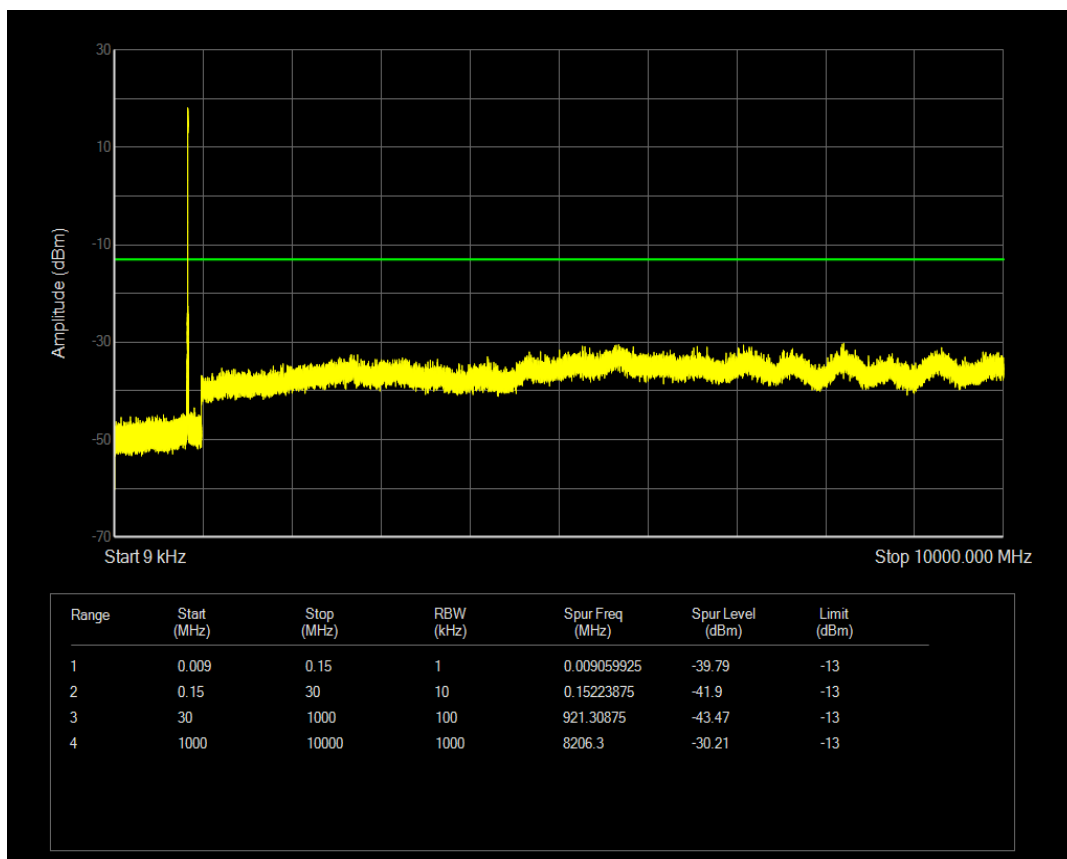




Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

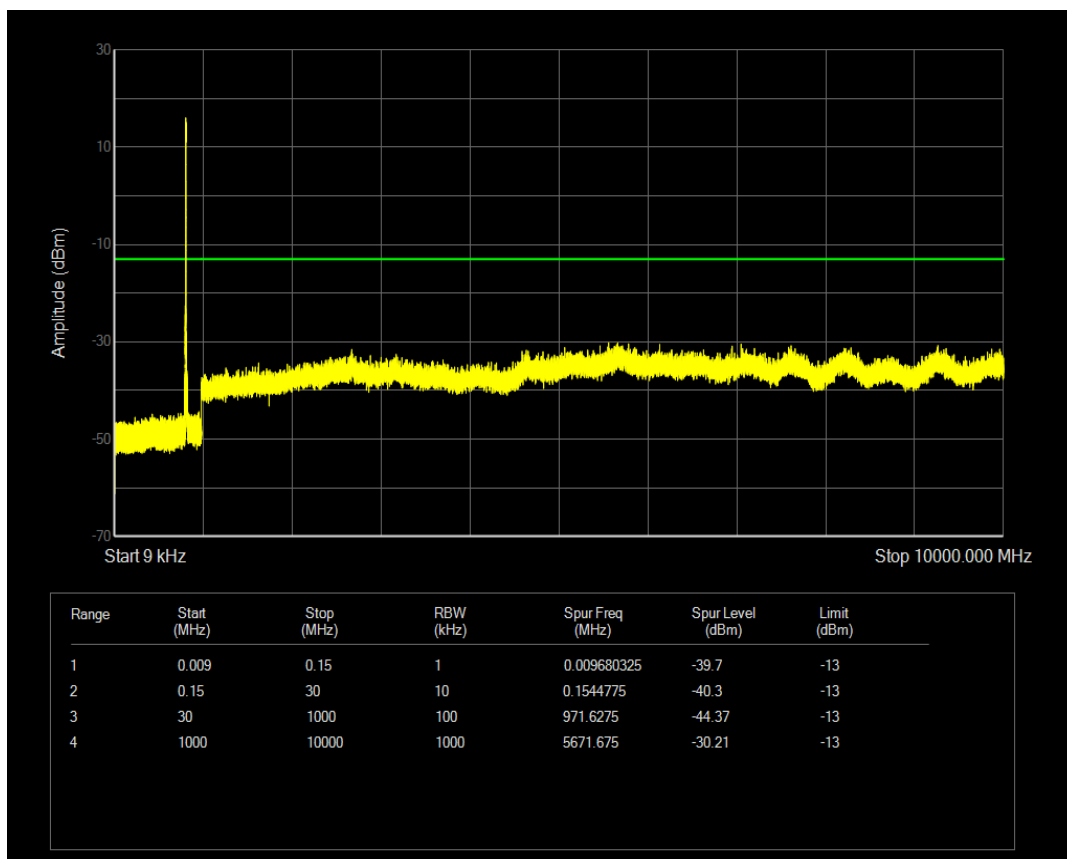


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

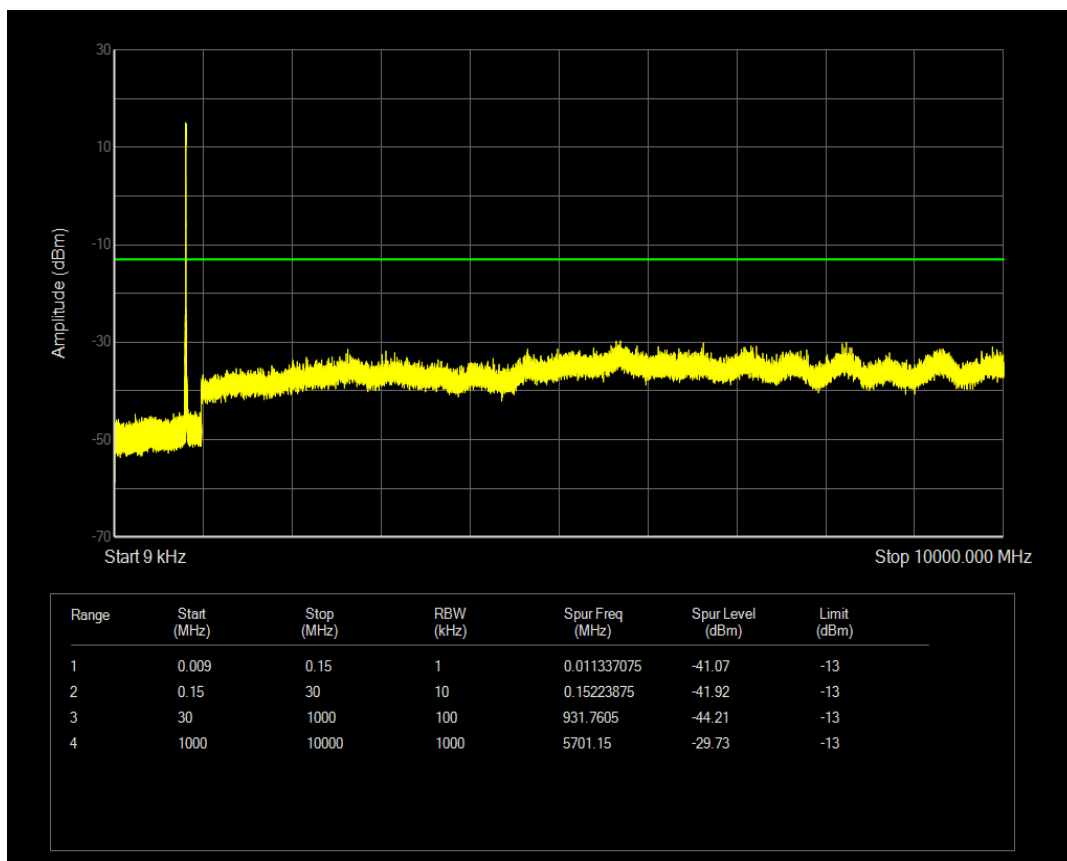




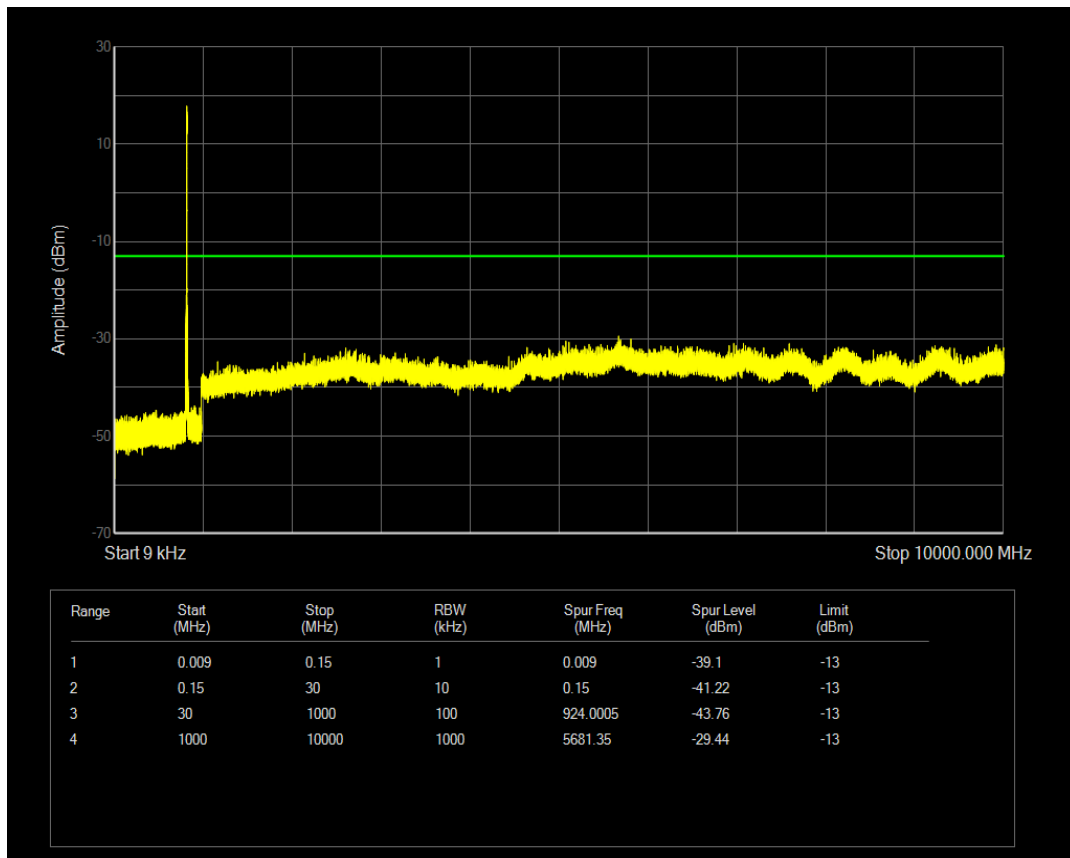
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



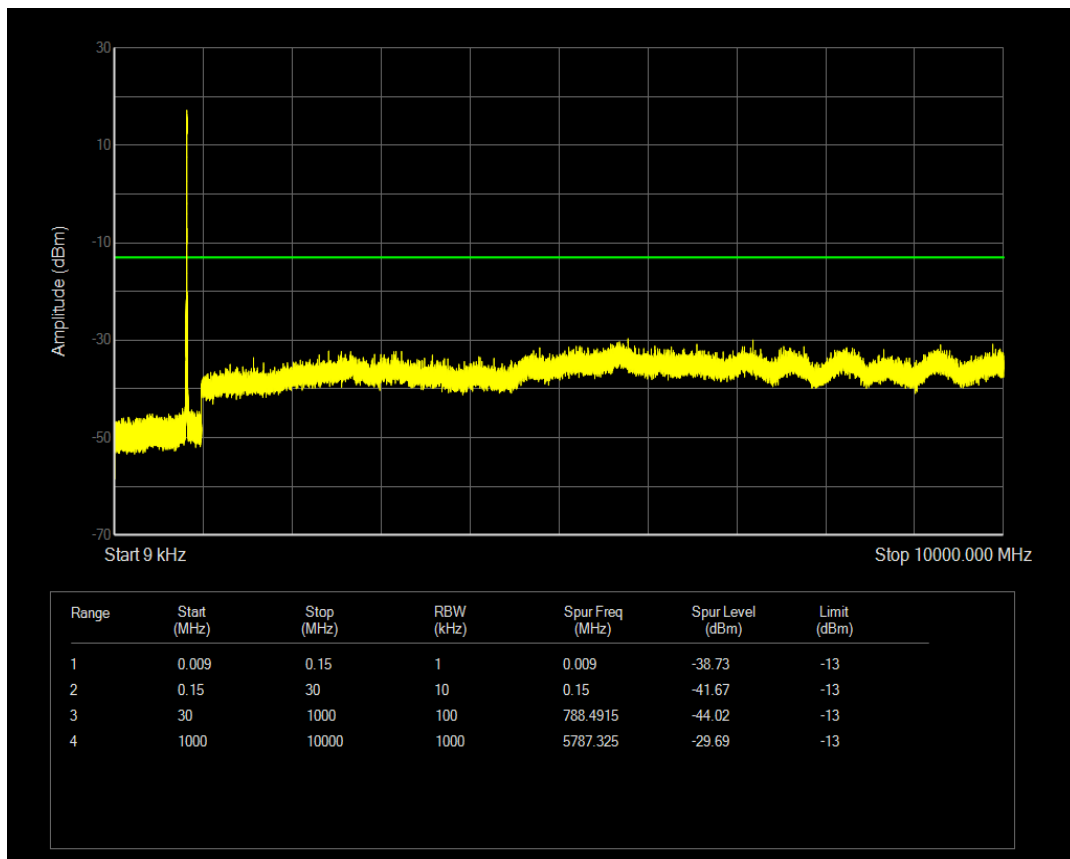
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



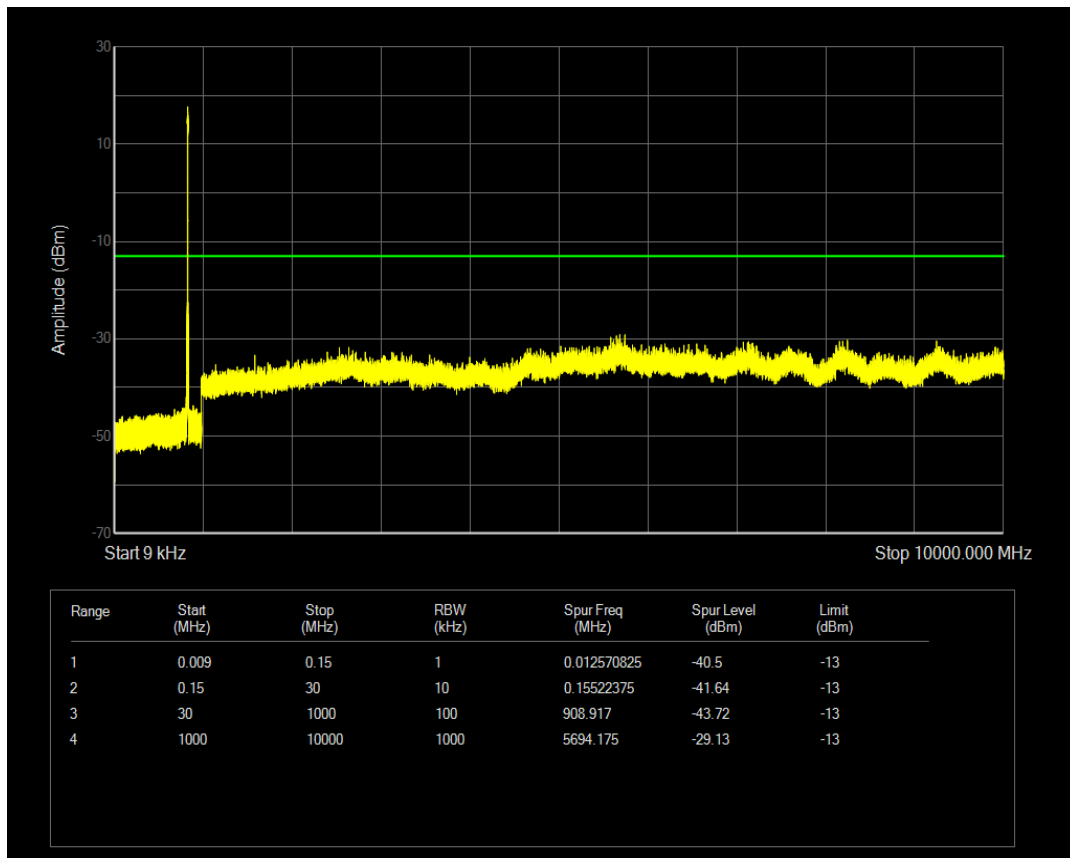
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



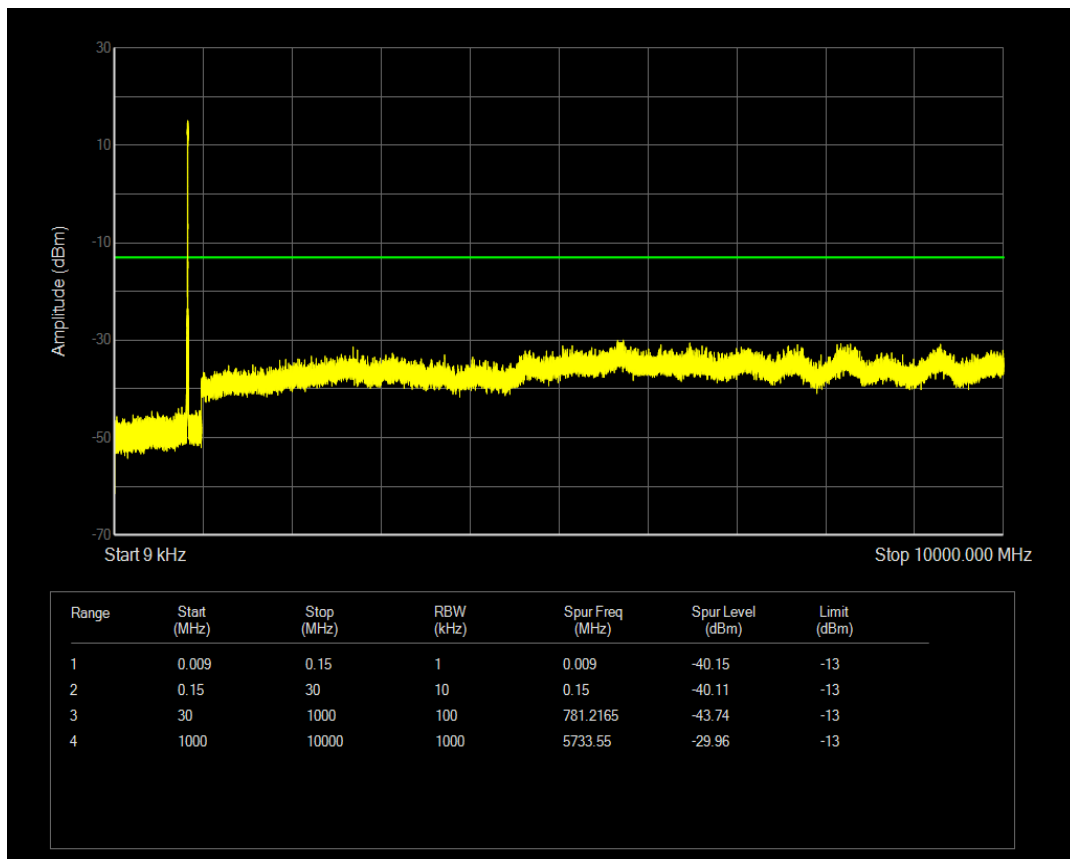
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

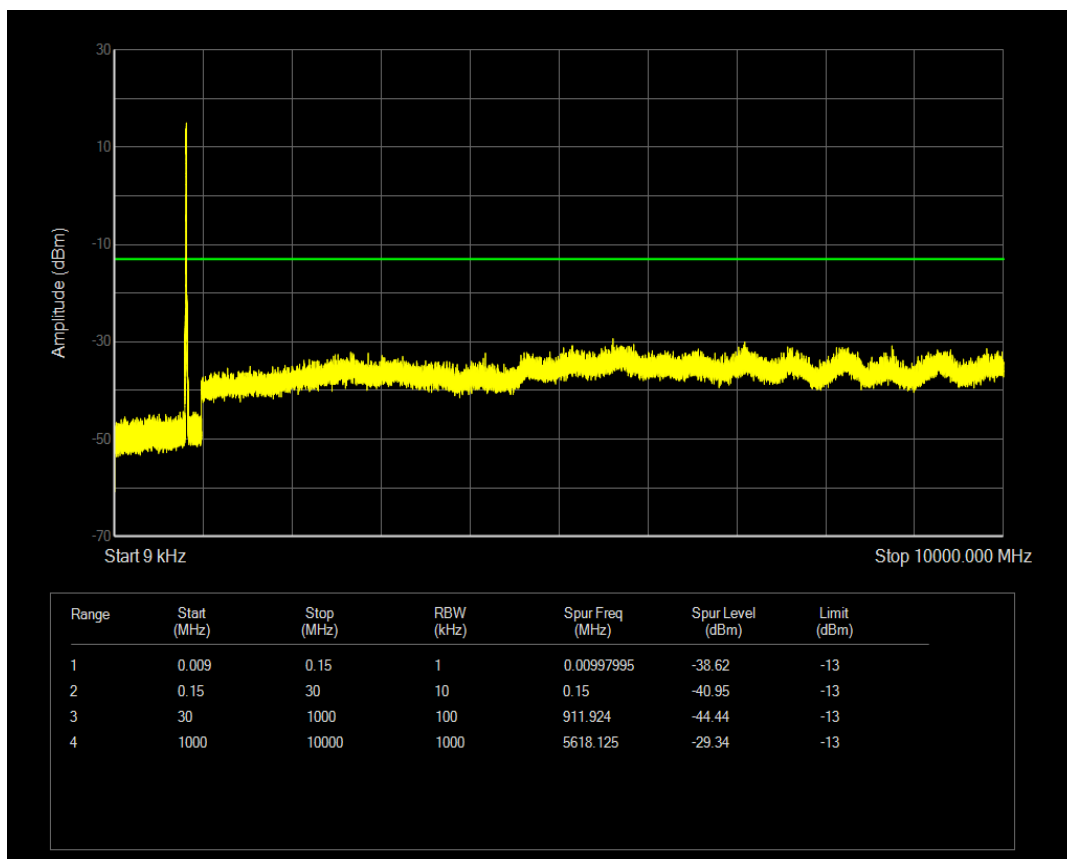


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

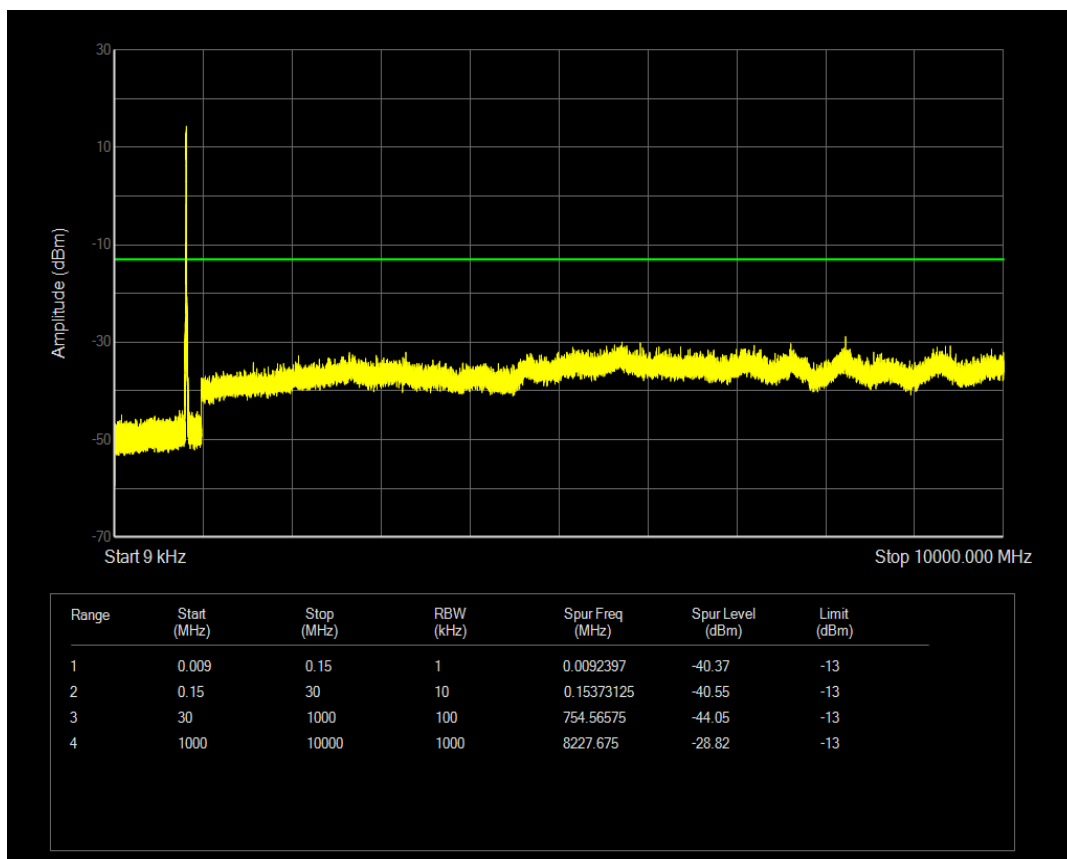




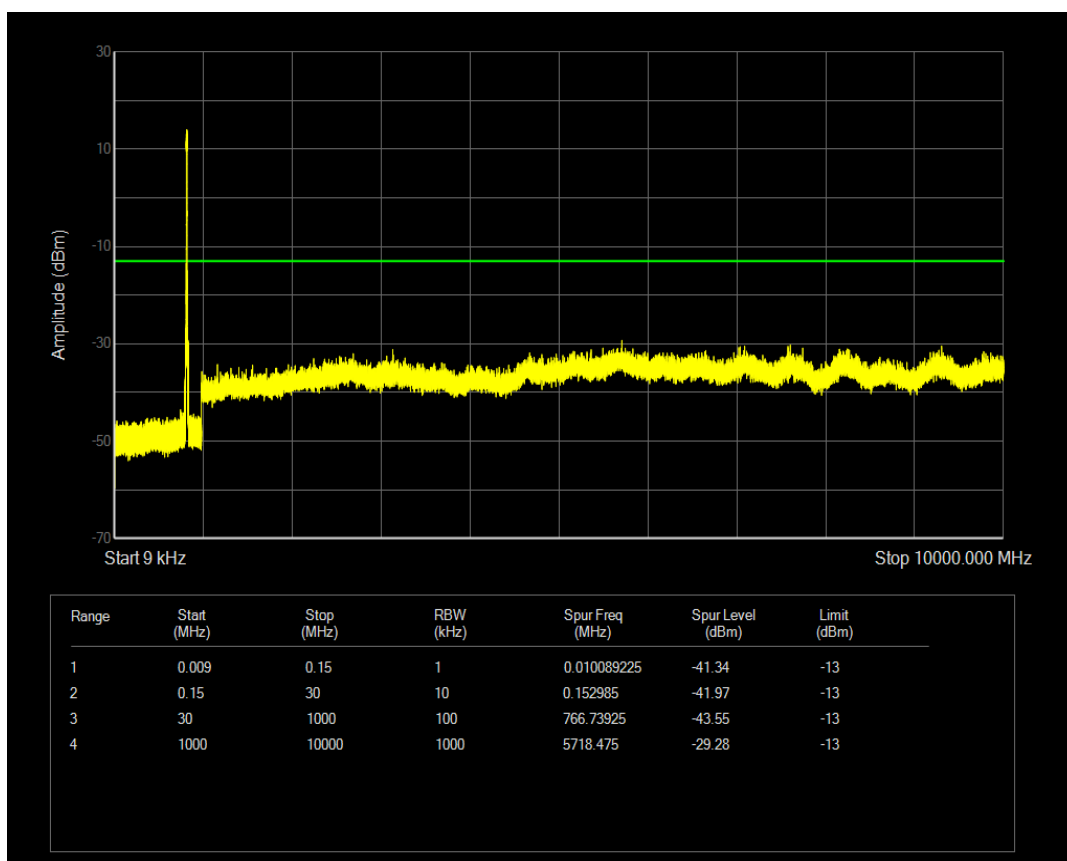
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



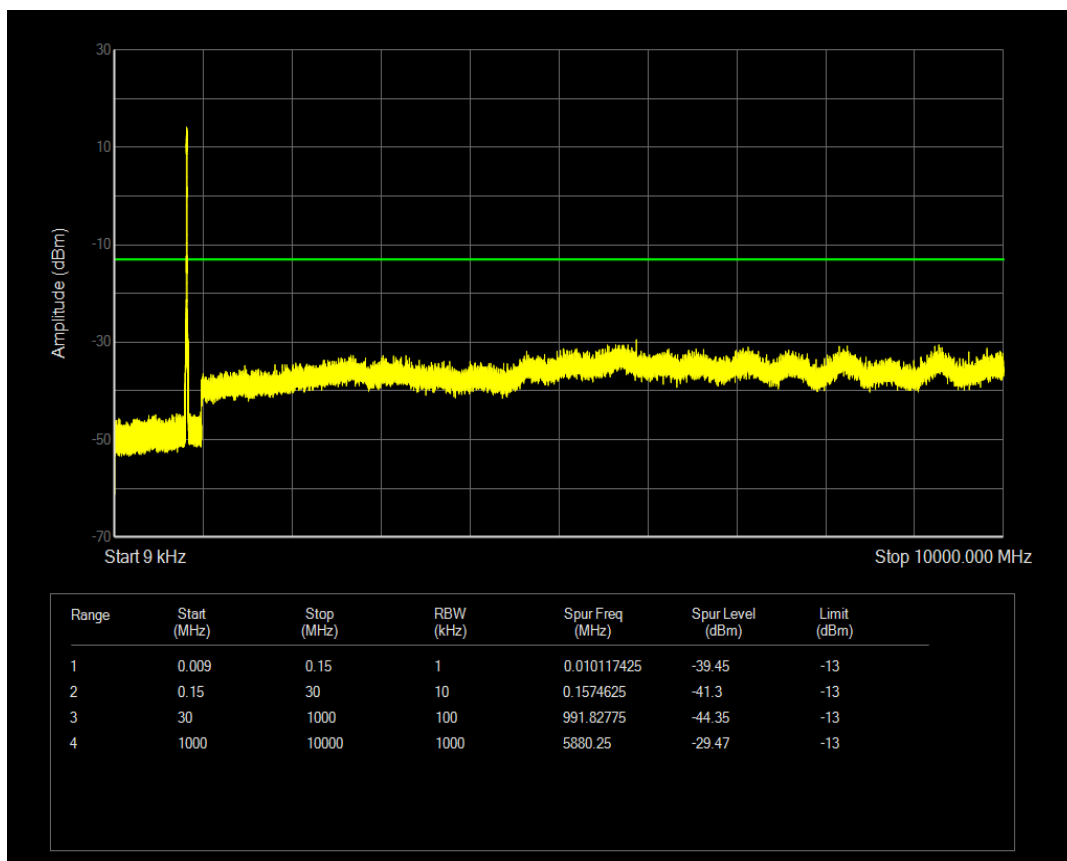
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



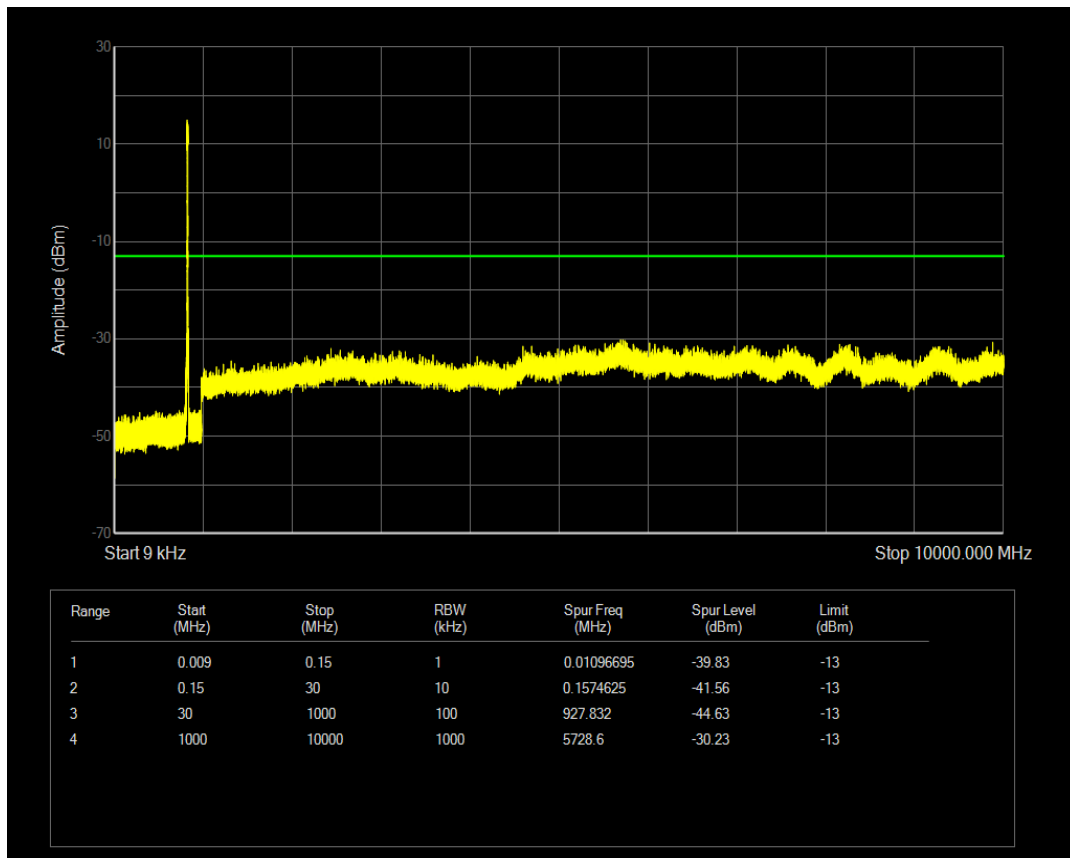
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

